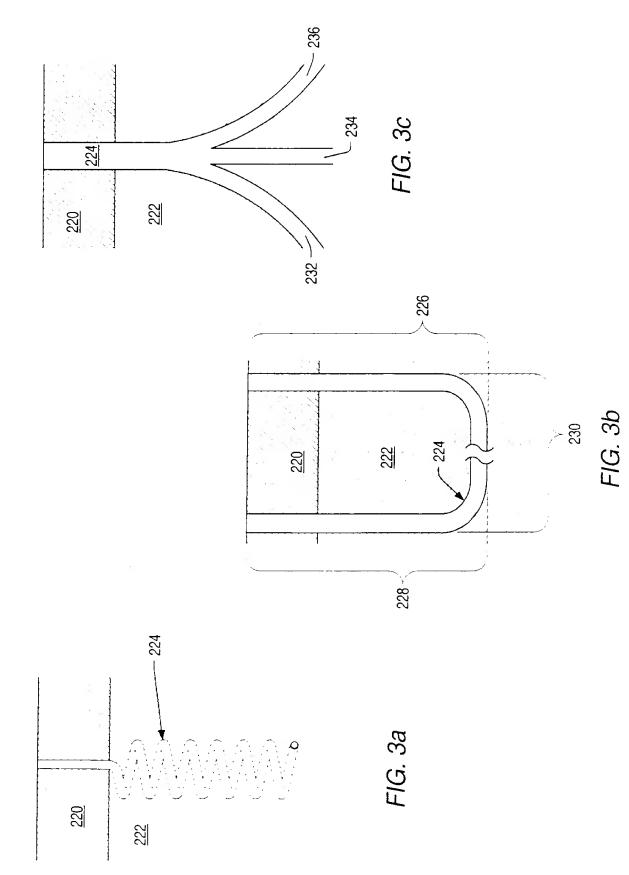
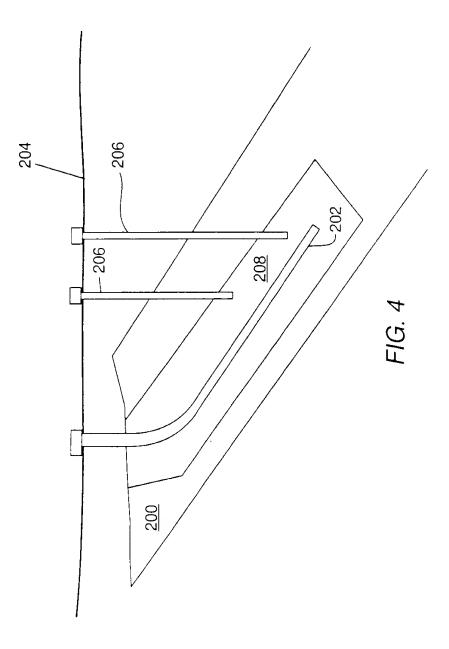
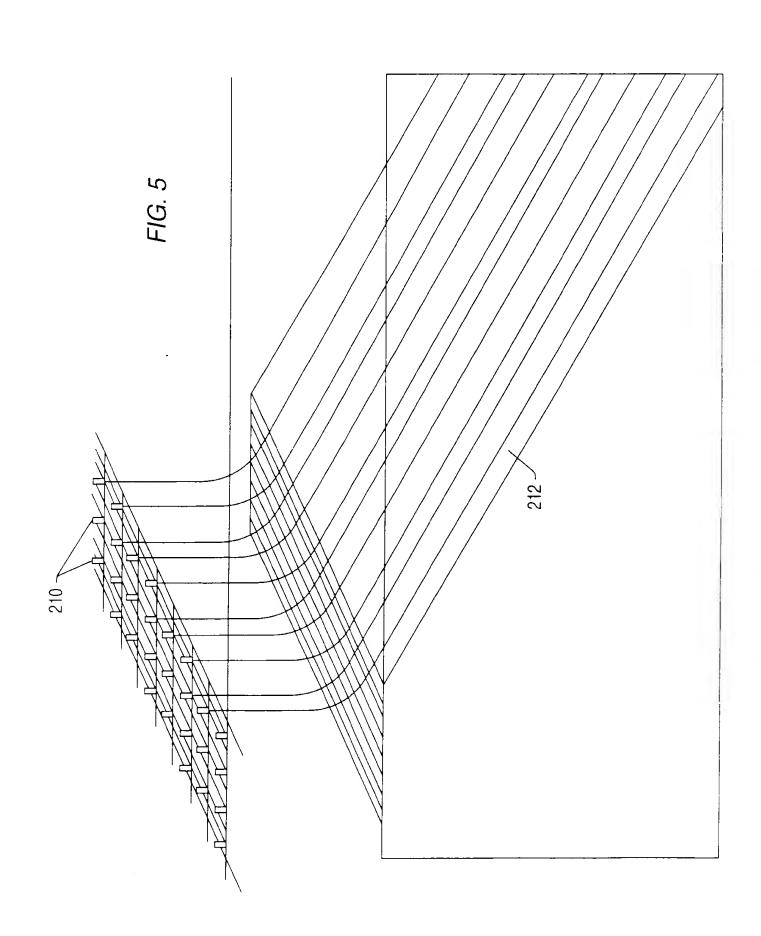


FIG. 3







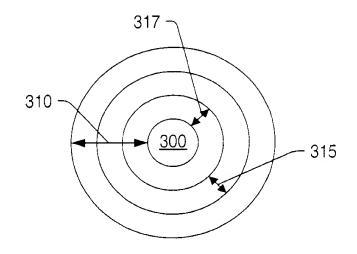


FIG. 6

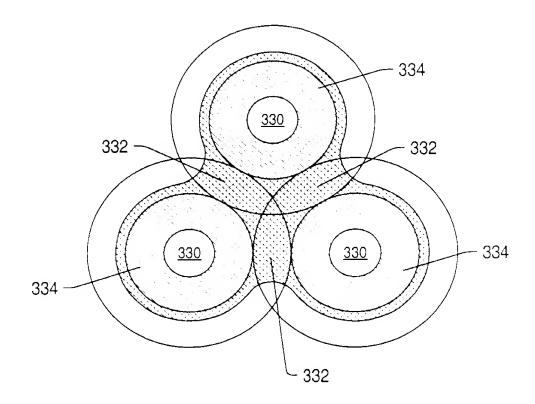
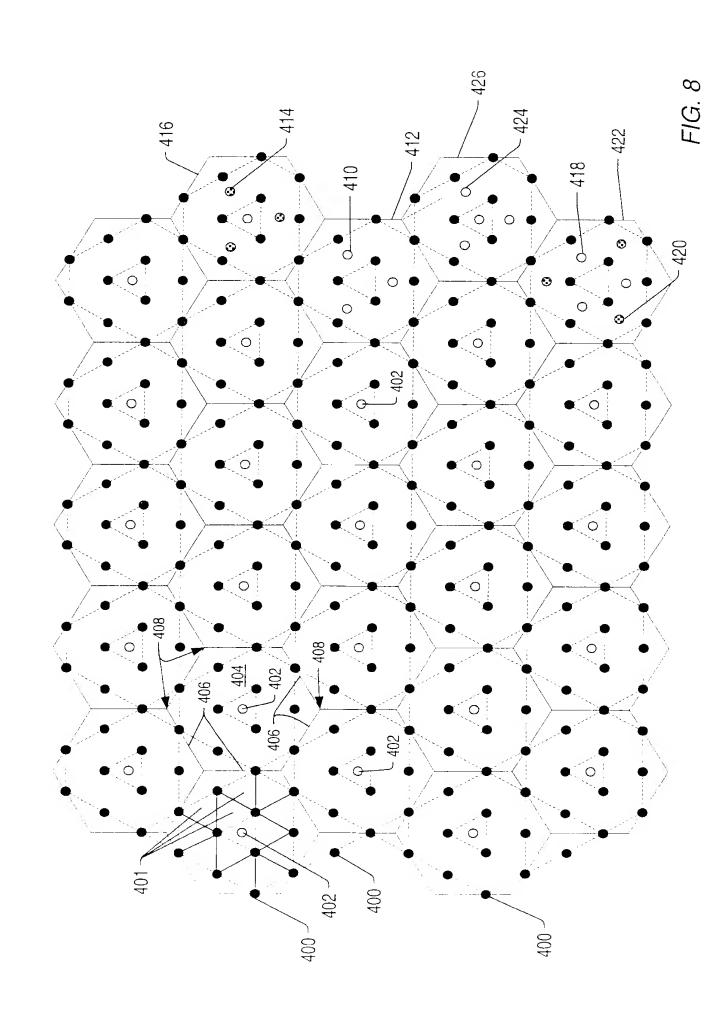
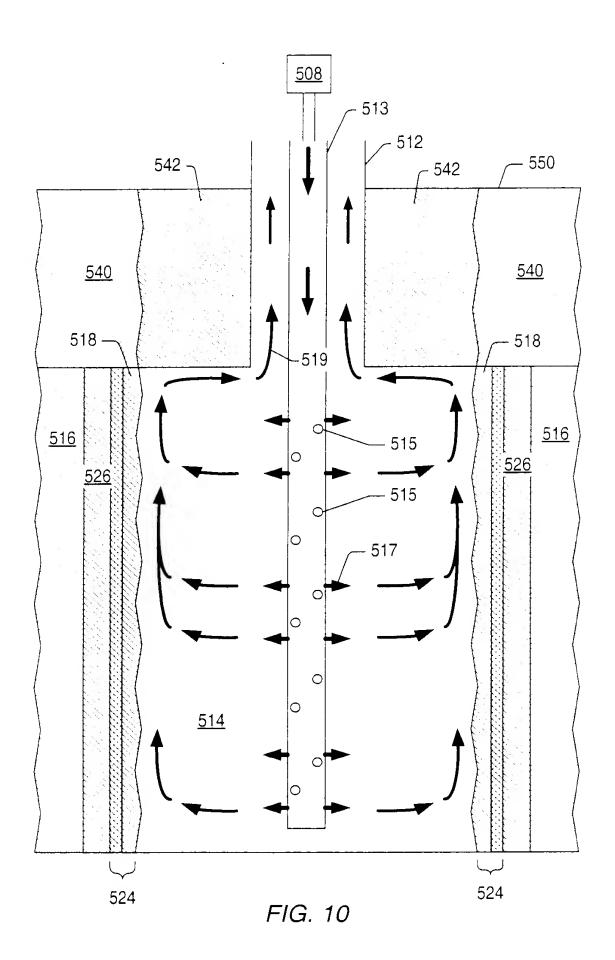


FIG. 7





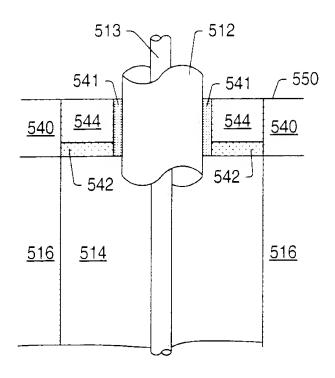


FIG. 11

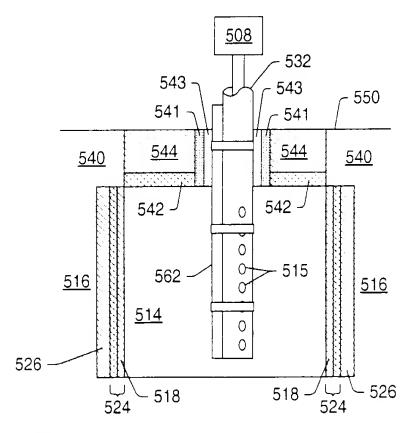


FIG. 12

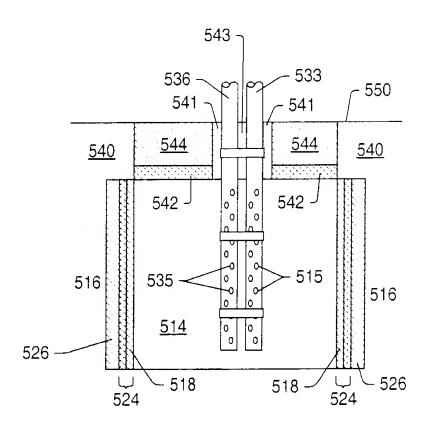
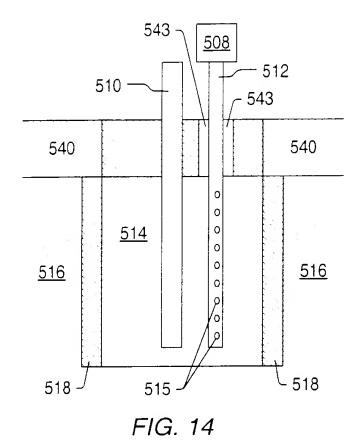


Fig. 13



 508
 520

 540
 540

 514
 0

 515
 0

 518
 518

FIG. 15

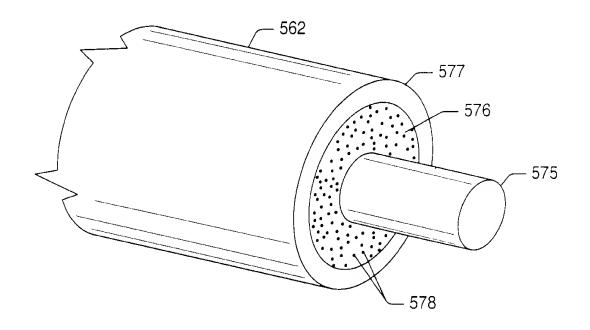


FIG. 16

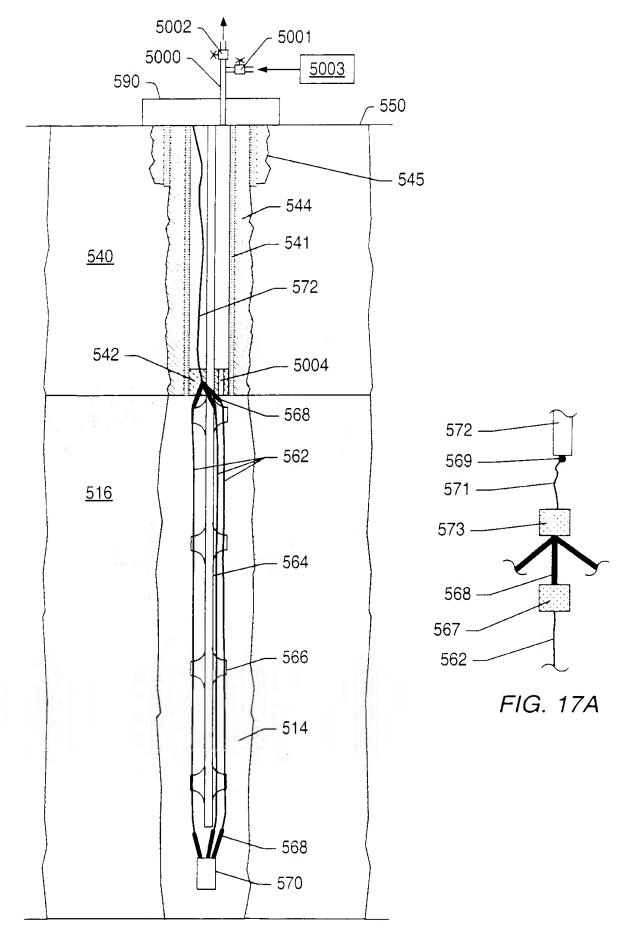


FIG. 17

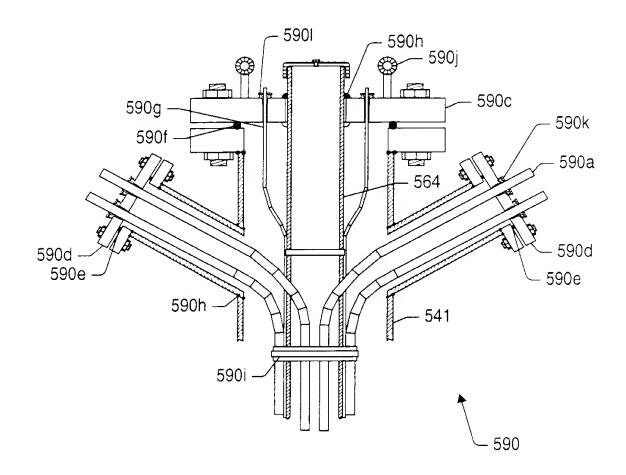


FIG. 18

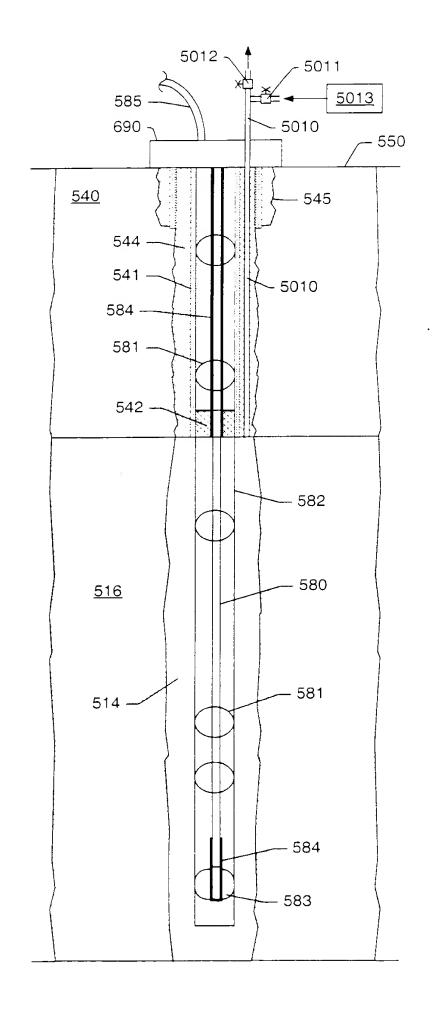


FIG. 19

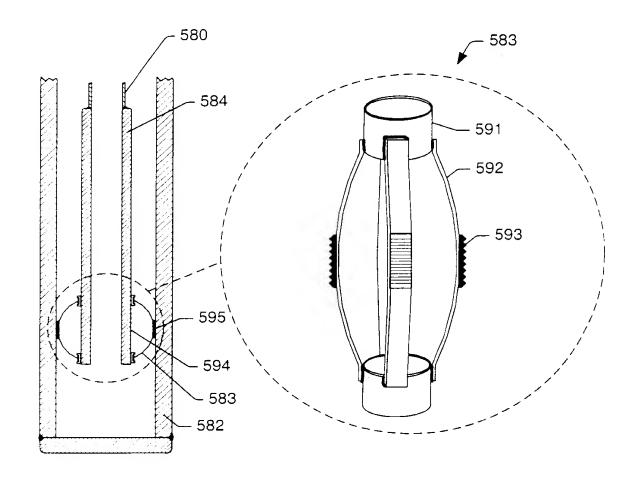


FIG. 20

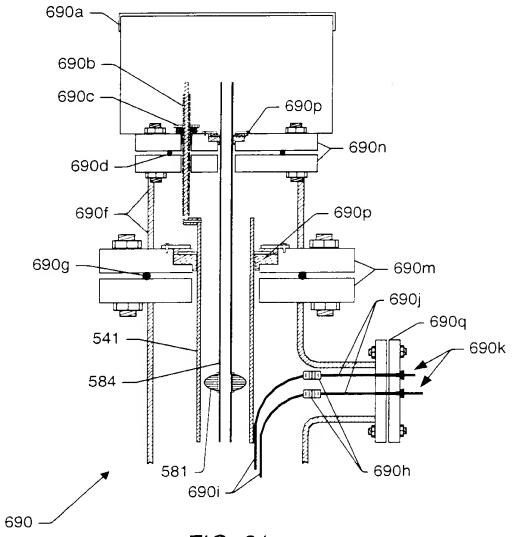


FIG. 21

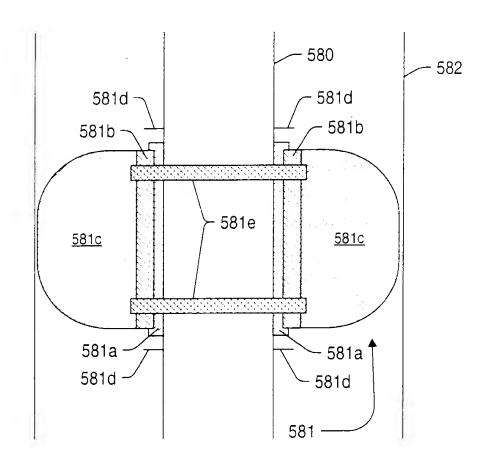


FIG. 22

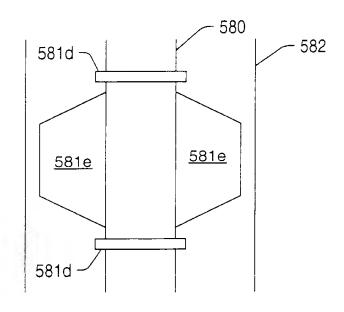


FIG. 23a

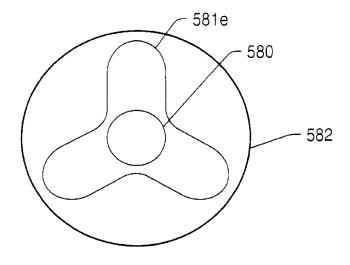


FIG. 23b

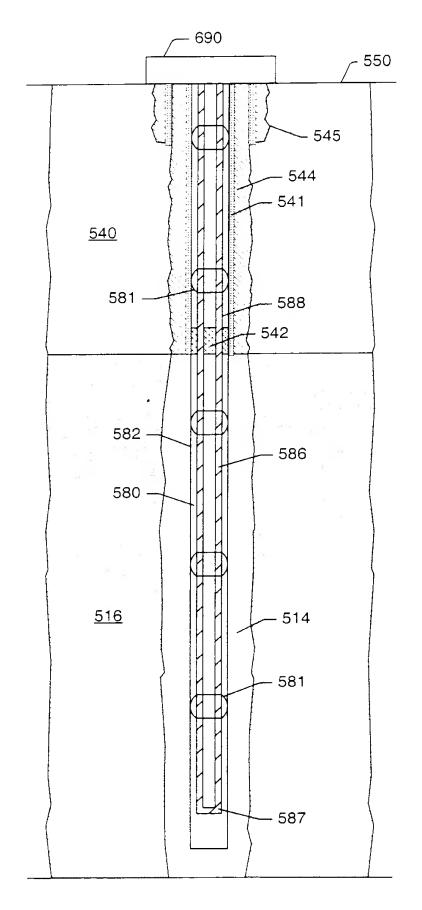


Fig. 24

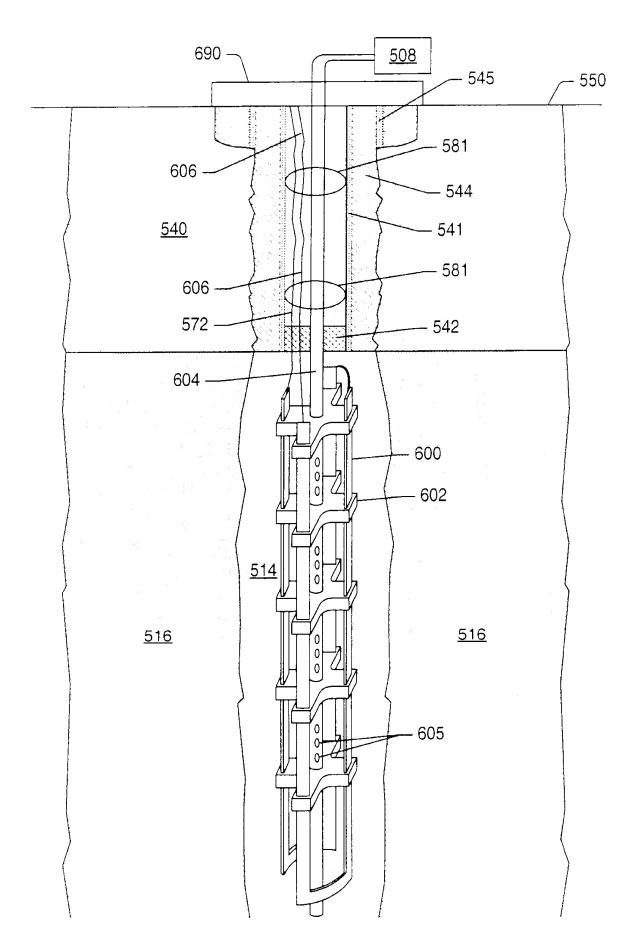


FIG. 25

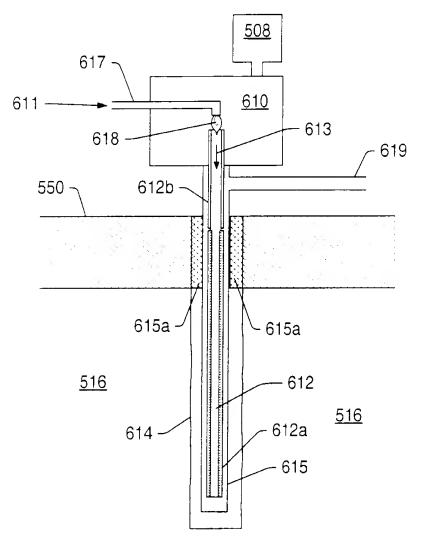


FIG. 26

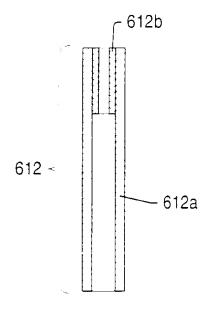


FIG. 27

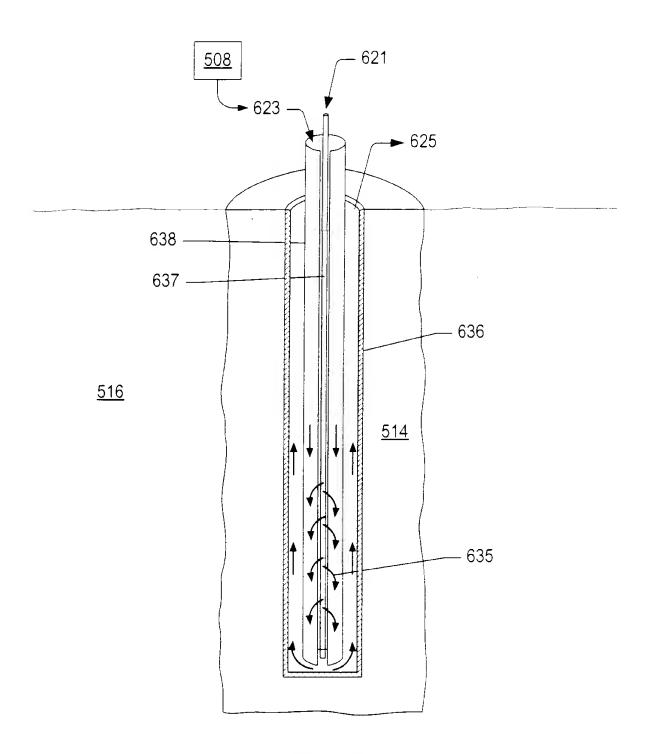
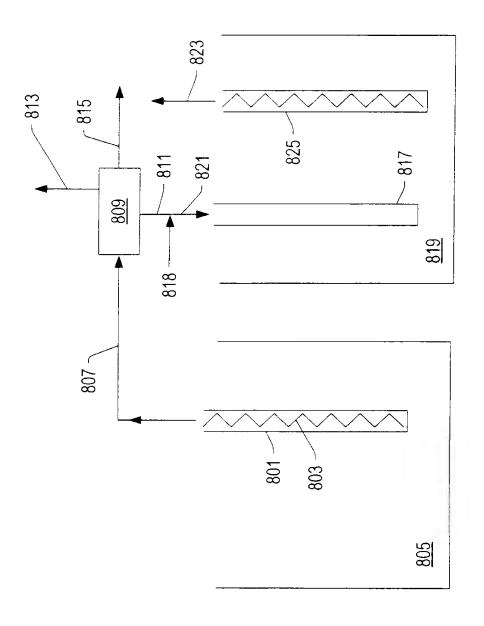


FIG. 28



F/G. 29

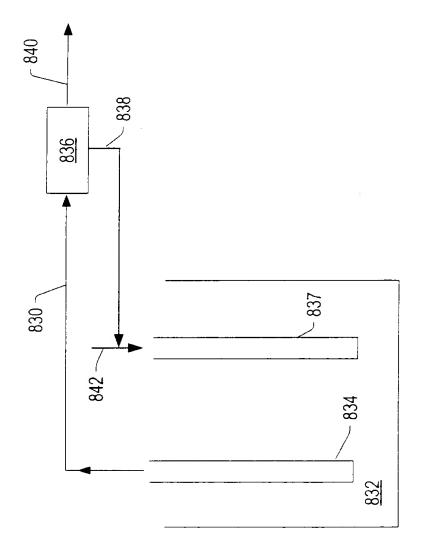


FIG. 30

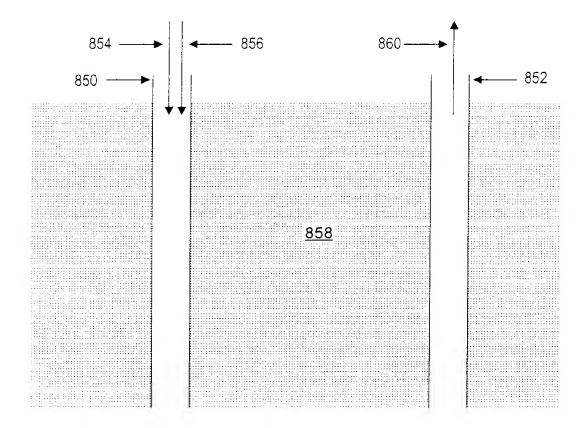


FIG. 31

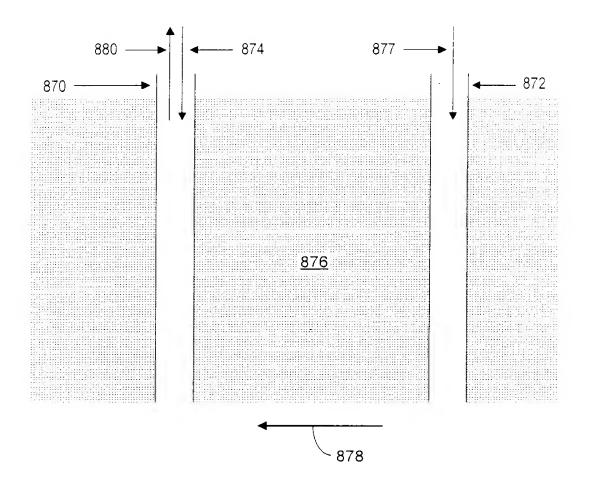
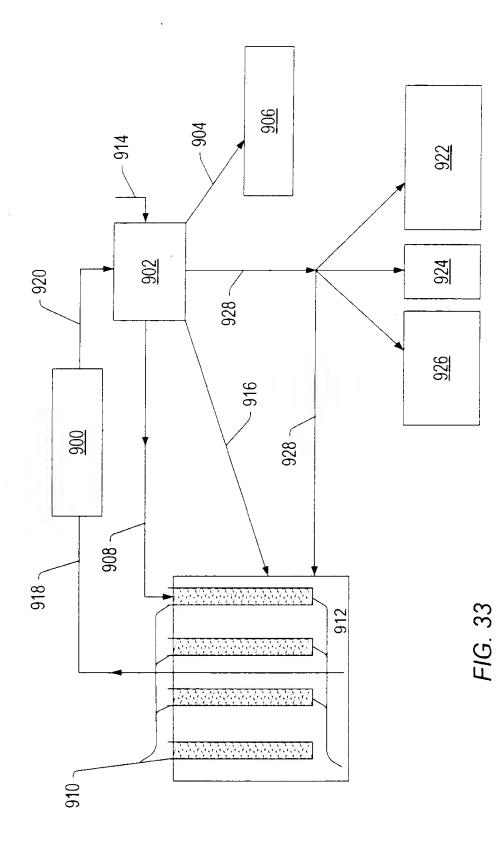


FIG. 32



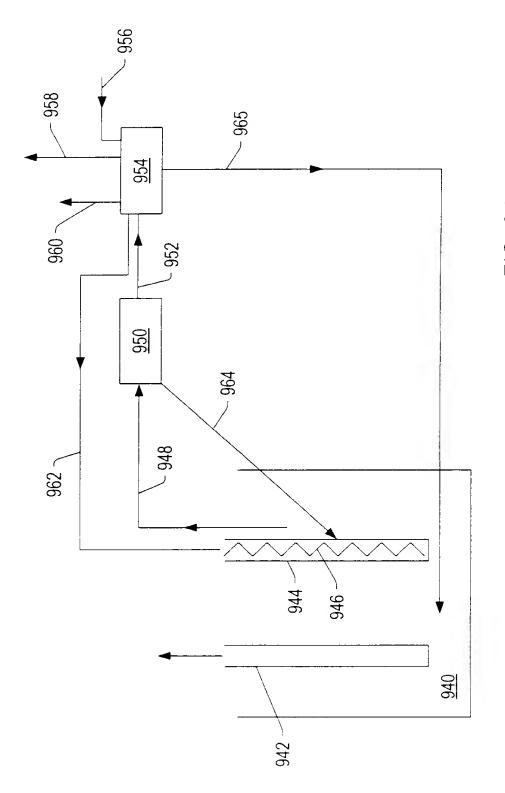


FIG. 34

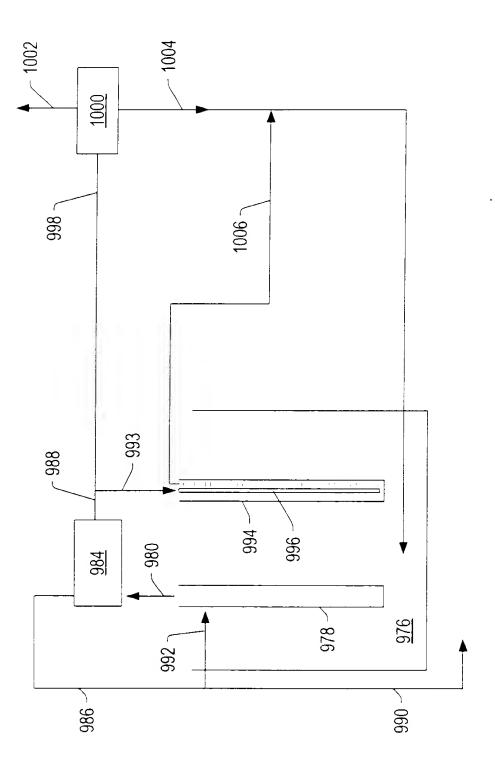
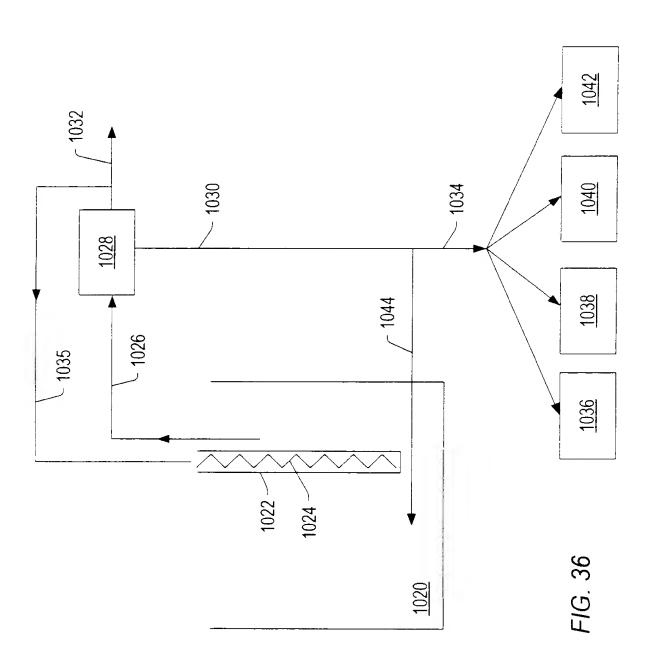


FIG. 35



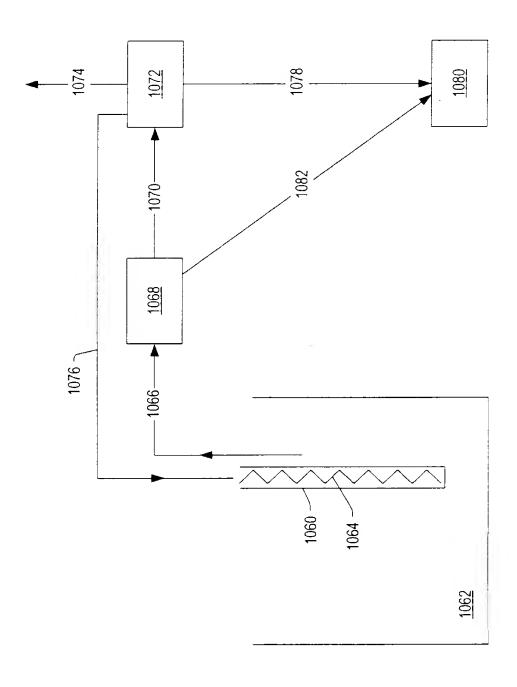
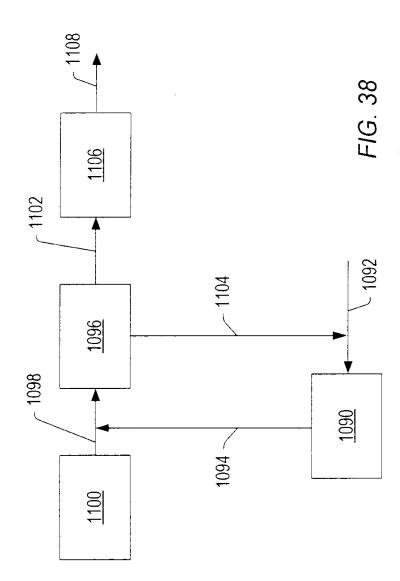
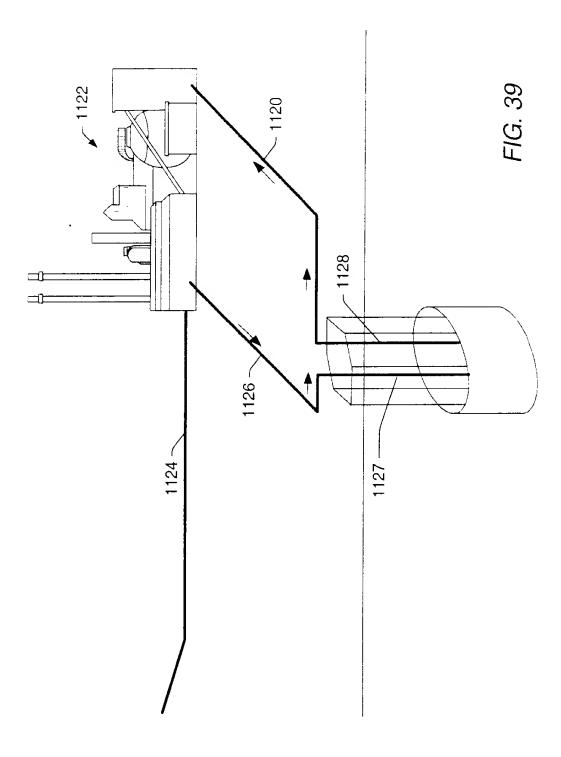
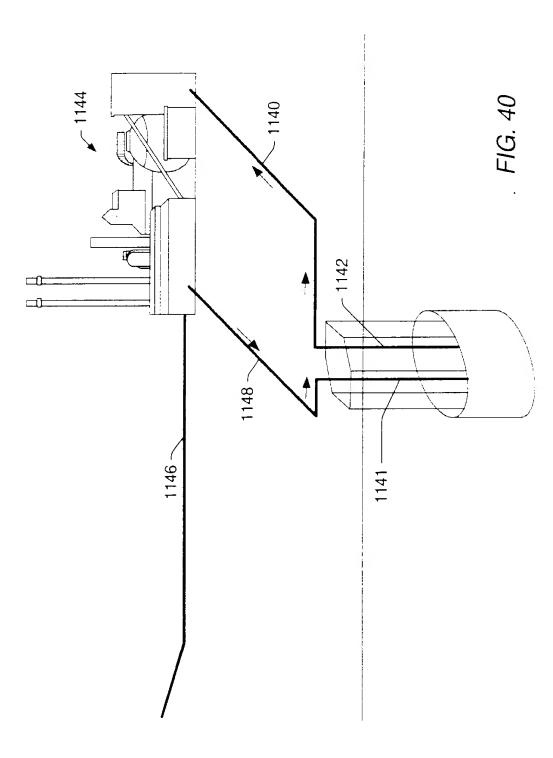


FIG. 37







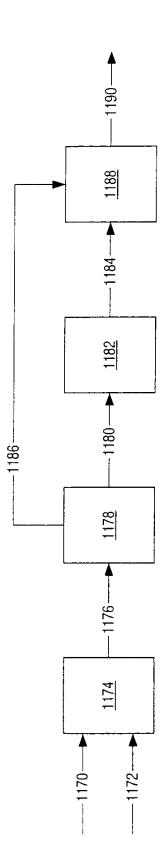


FIG. 41

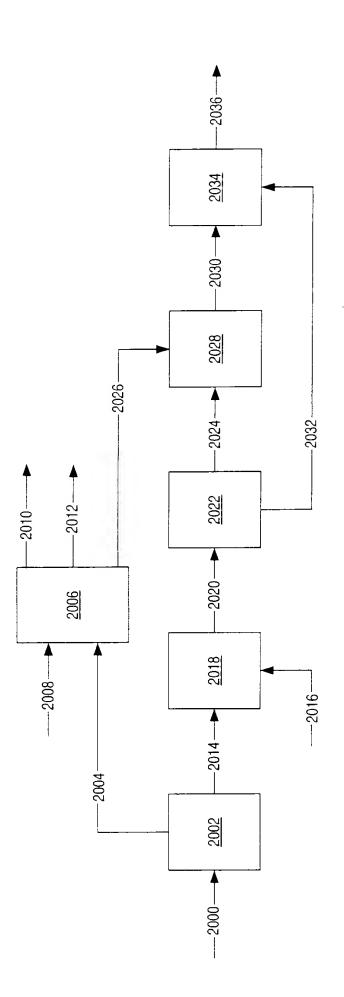


FIG. 42

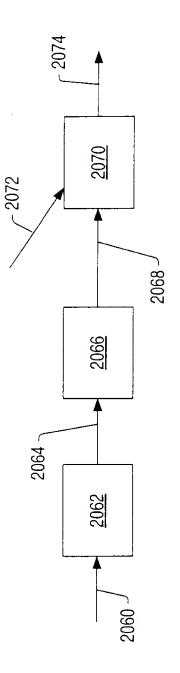


FIG. 43

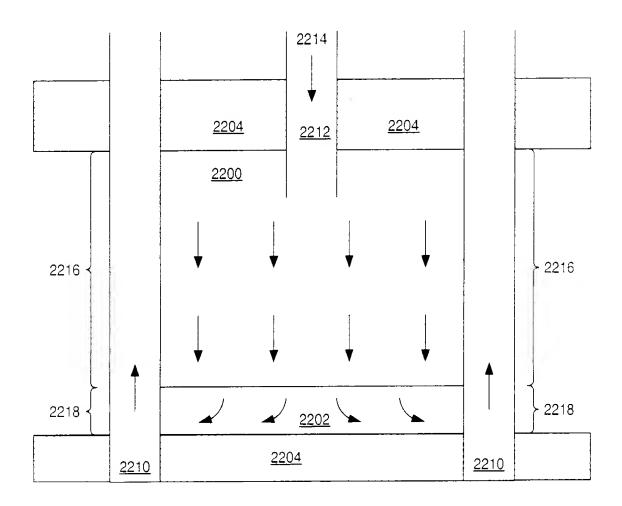


FIG. 44

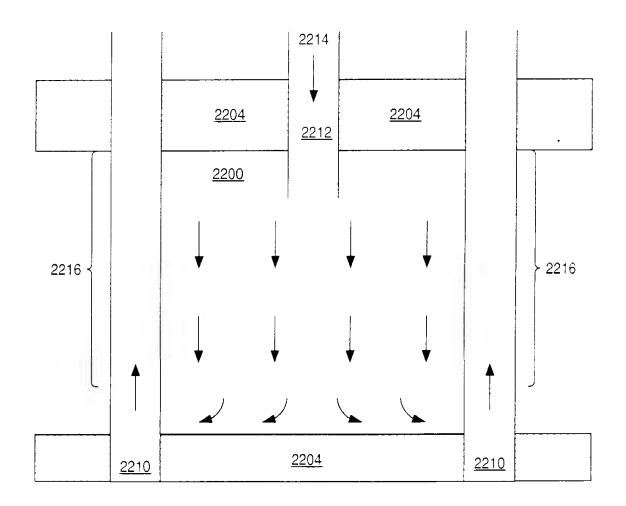


FIG. 45

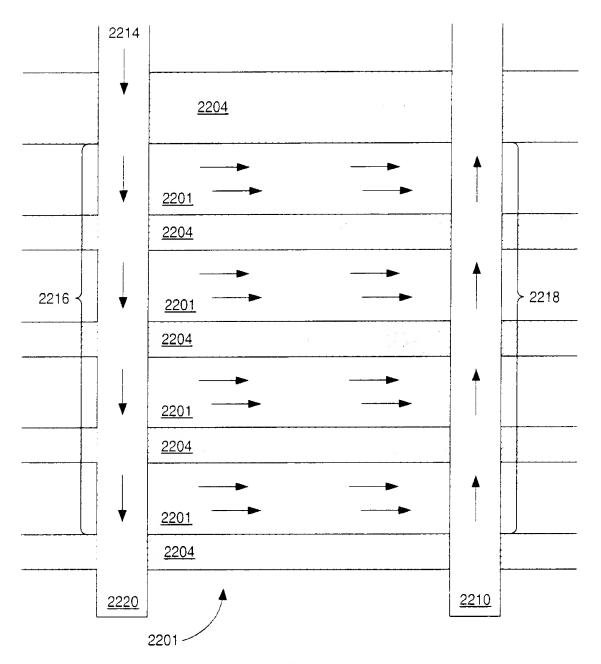


FIG. 46

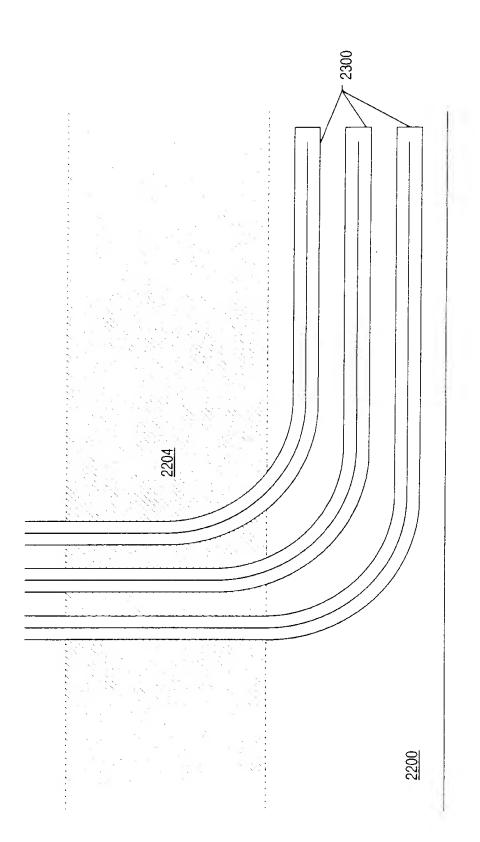


FIG. 47

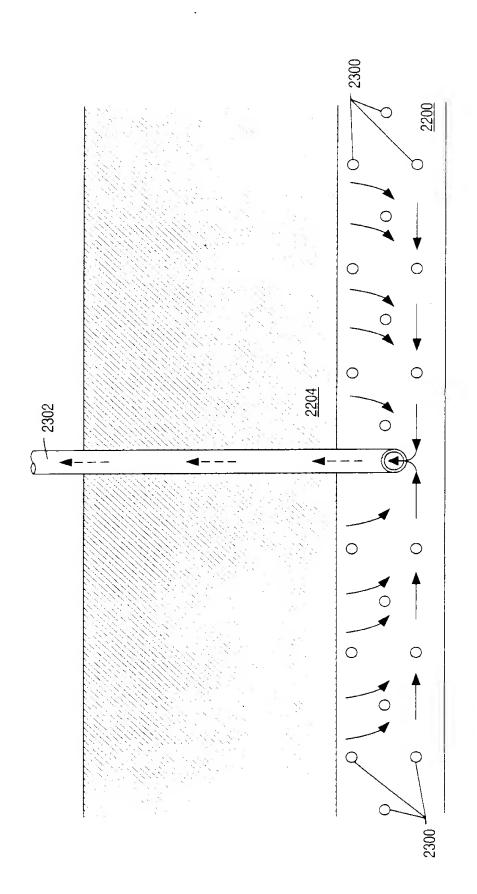


FIG. 48

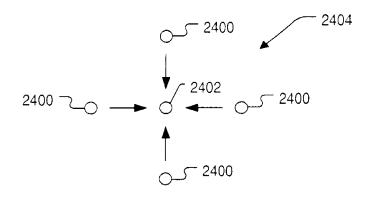


FIG. 49

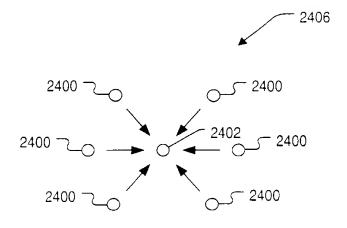


FIG. 50

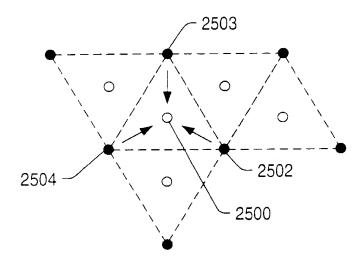


FIG. 51

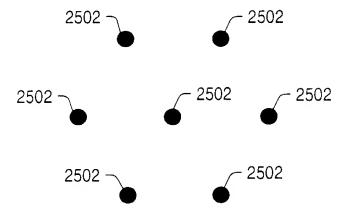
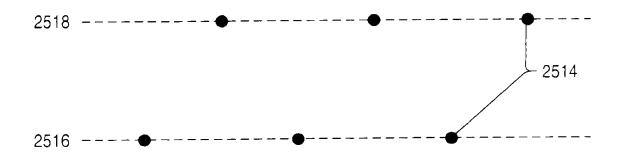
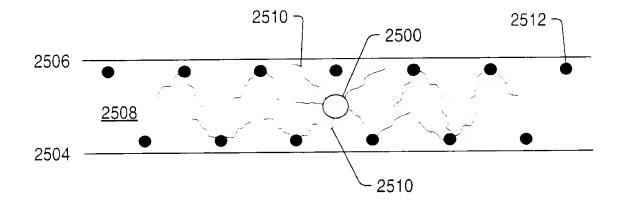


FIG. 52





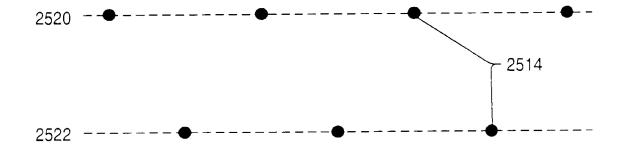


FIG. 53

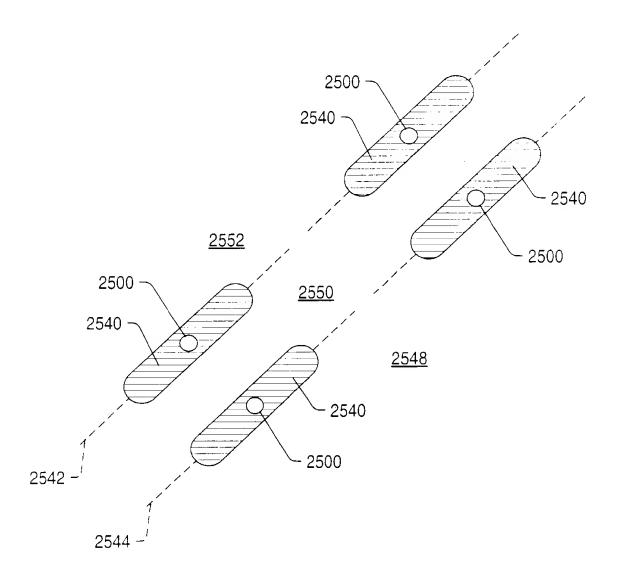


FIG. 54

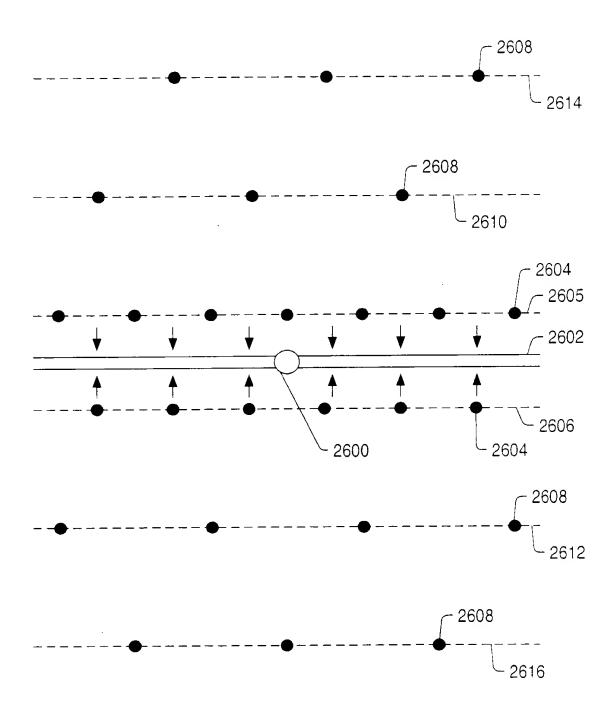


FIG. 55

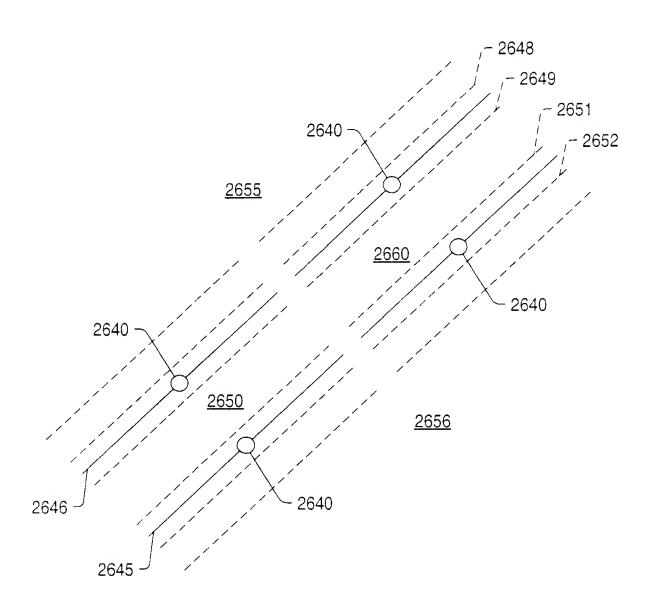


FIG. 56

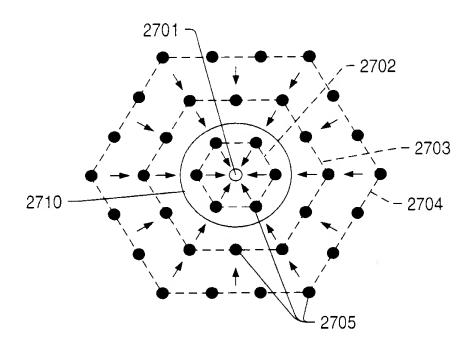


FIG. 57

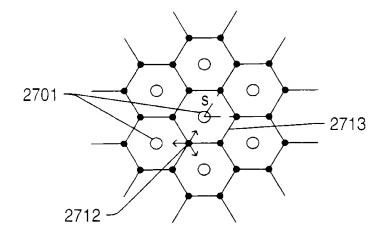


FIG. 58

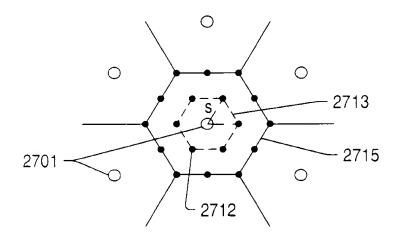


FIG. 59

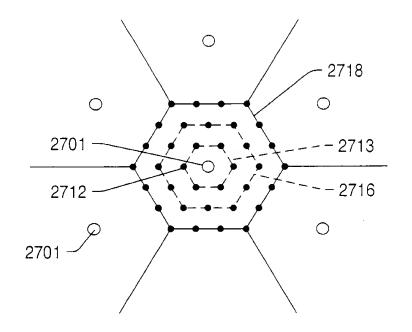


FIG. 60

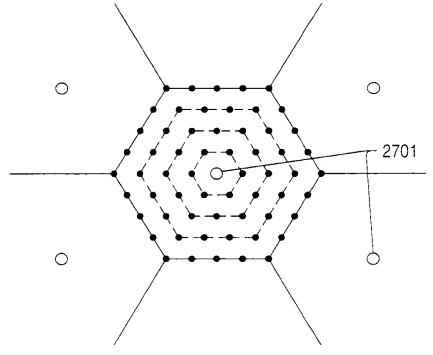


FIG. 61

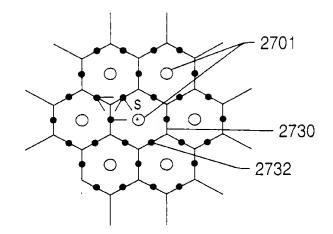


FIG. 62

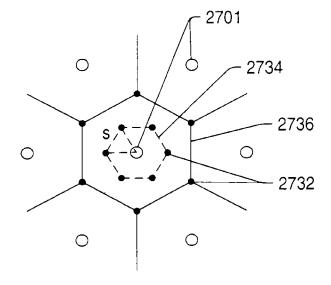


FIG. 63

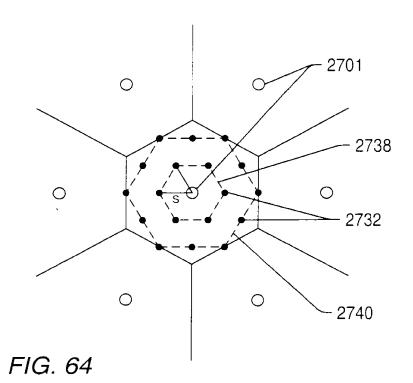


FIG. 65

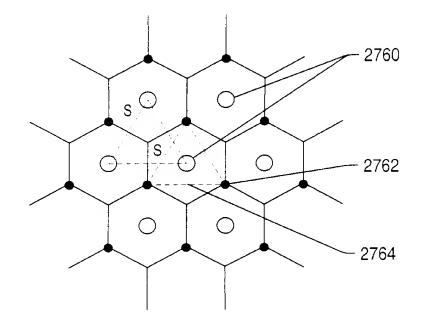


FIG. 66

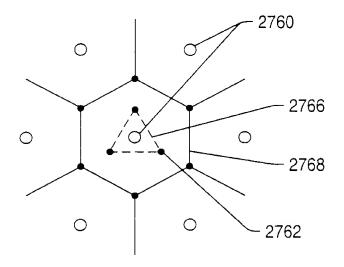
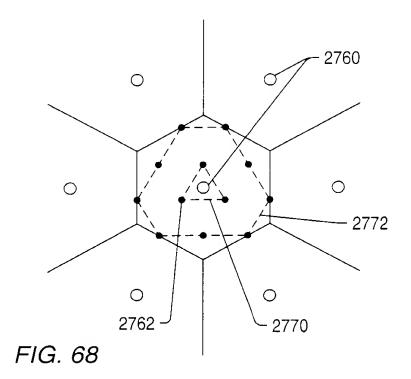
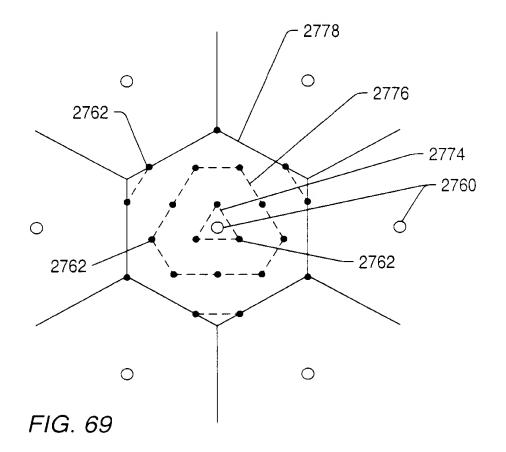
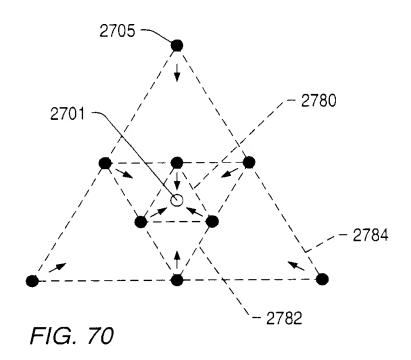


FIG. 67







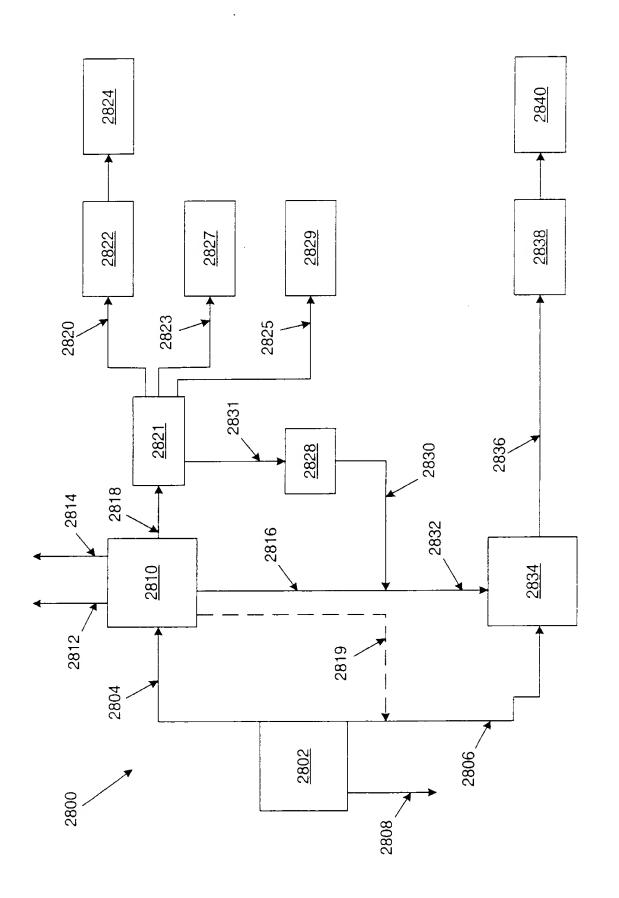


Fig. 71

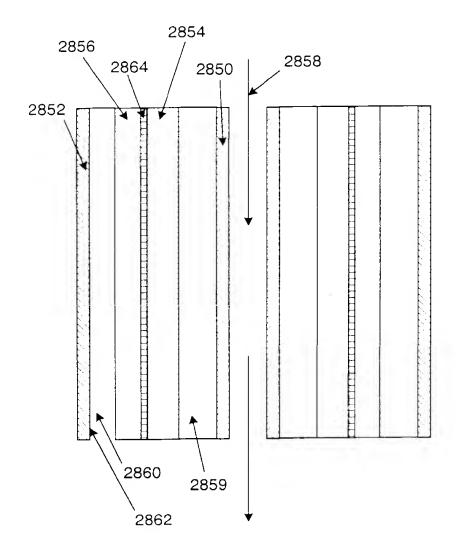
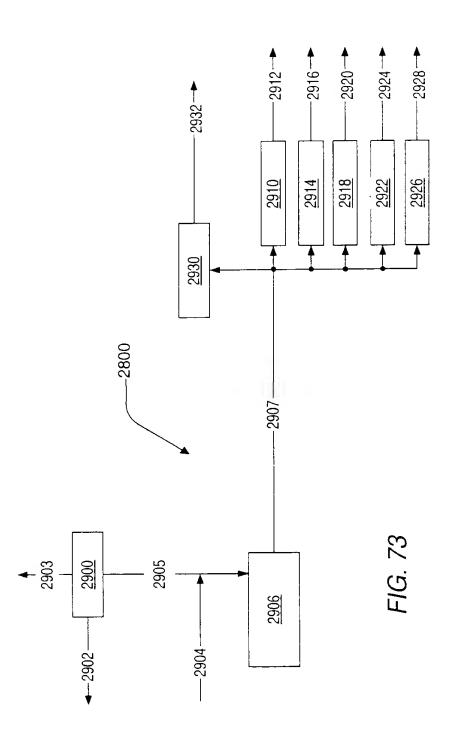


Fig. 72



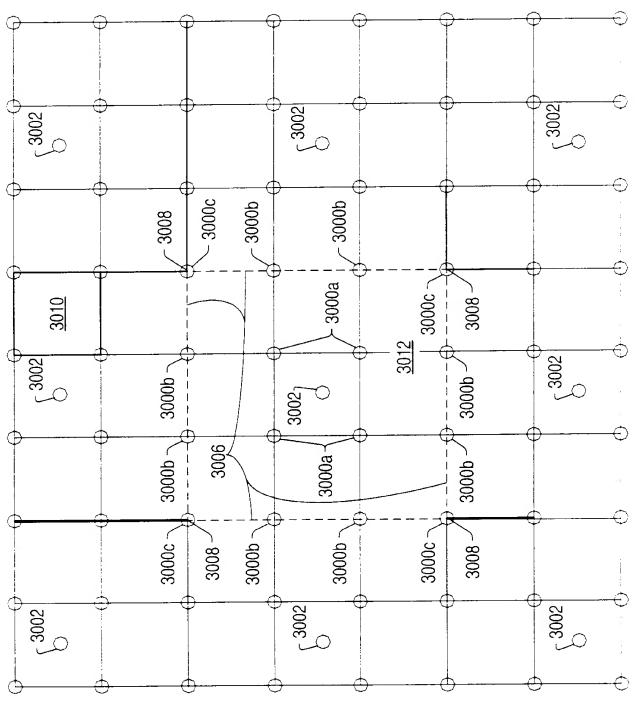


FIG. 74

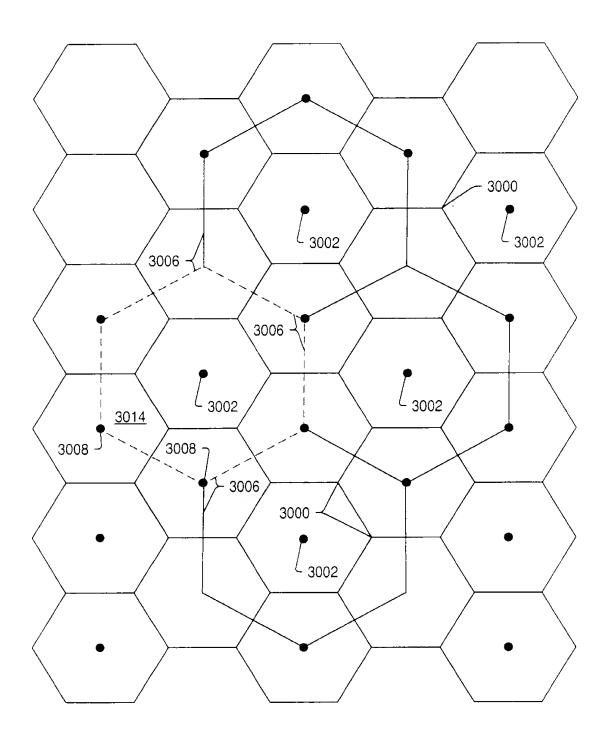


FIG. 75

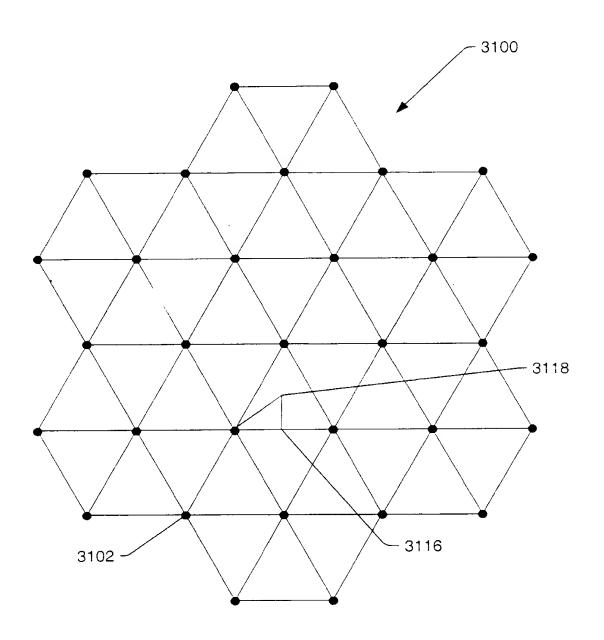


FIG. 76

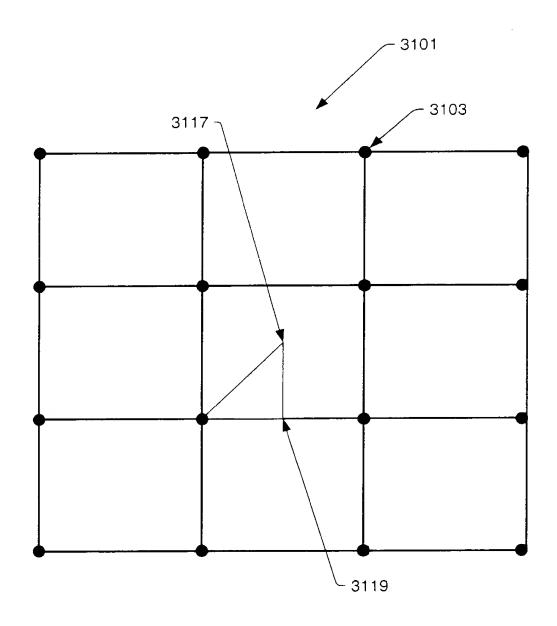


FIG. 76a

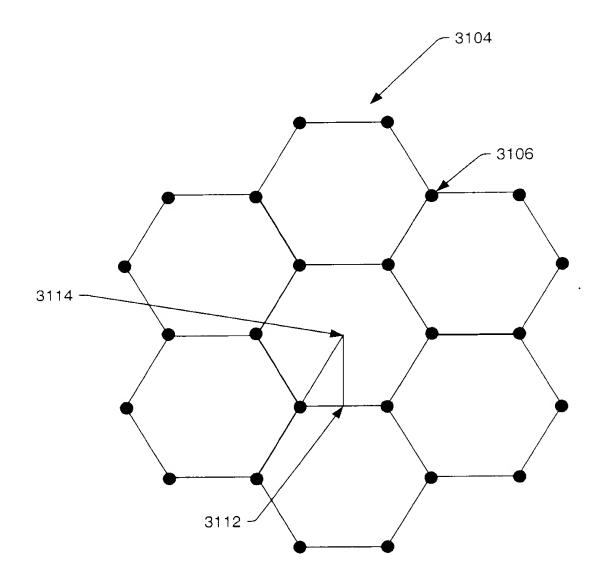


FIG. 77

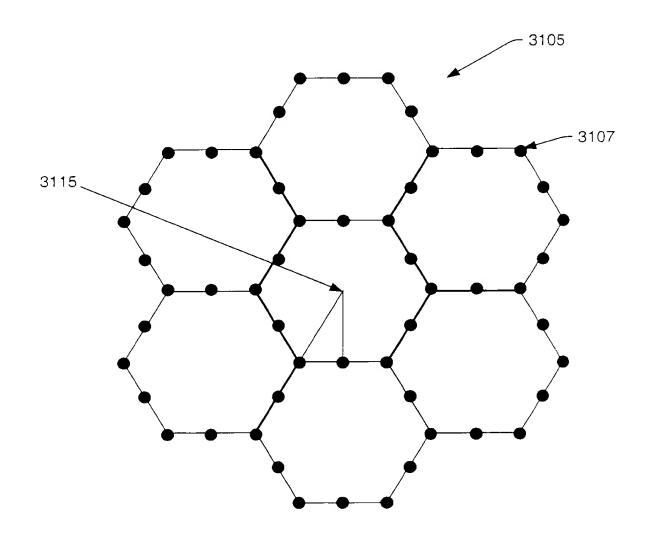
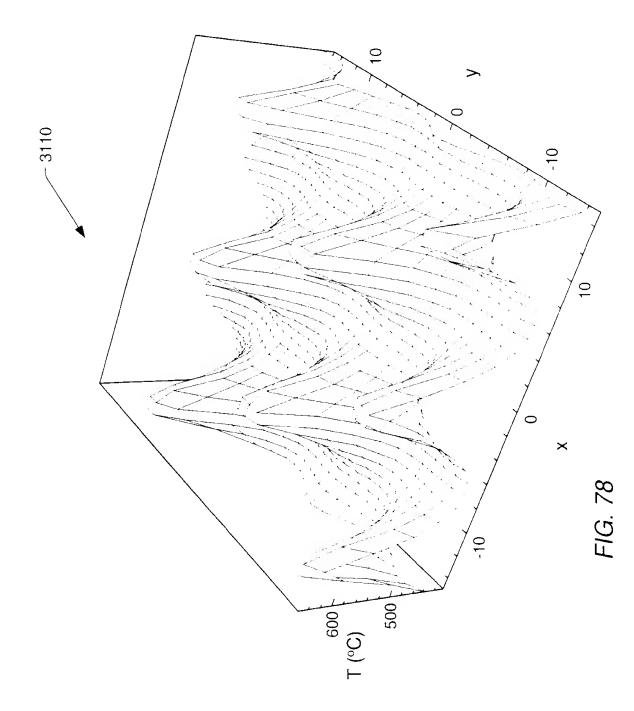
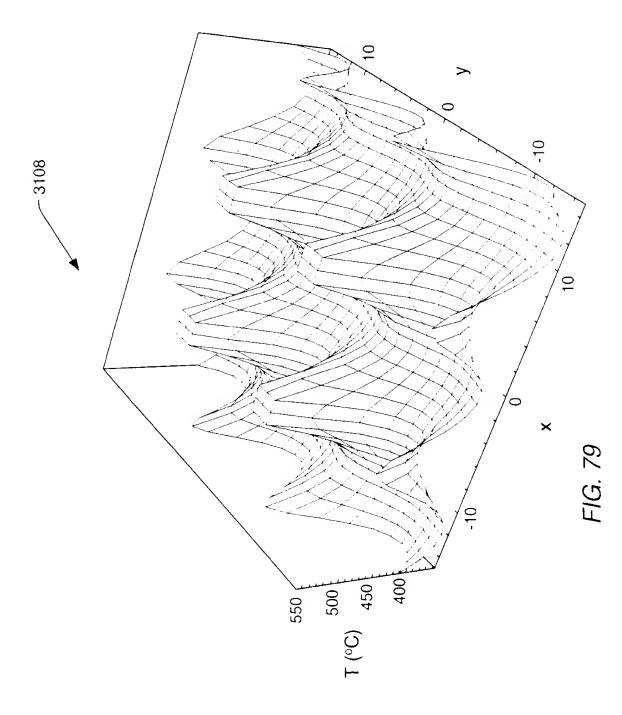
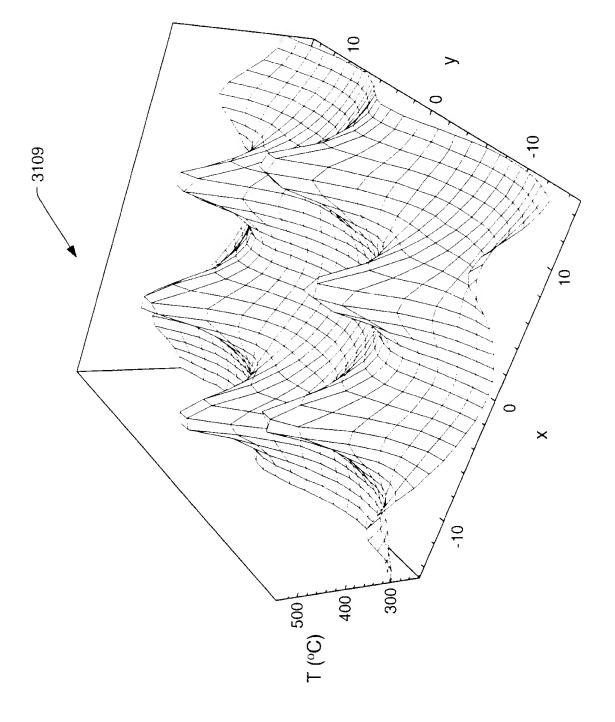


FIG. 77a







⁻1G. 798

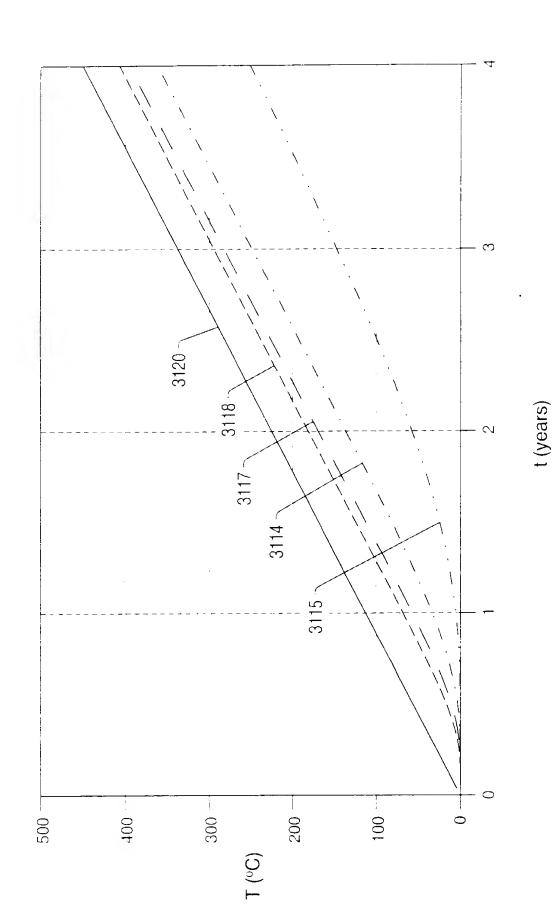


FIG. 80

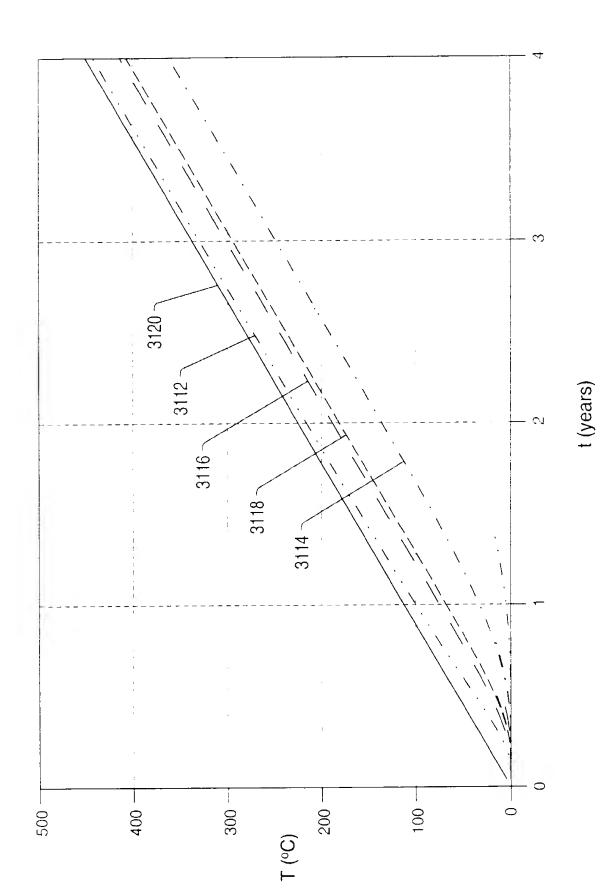
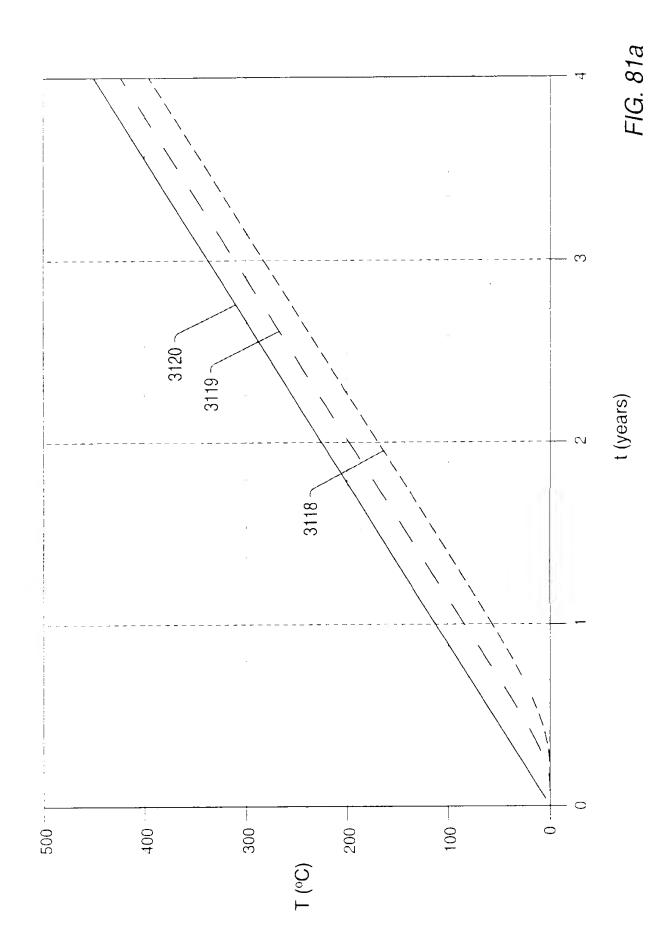


FIG. 81



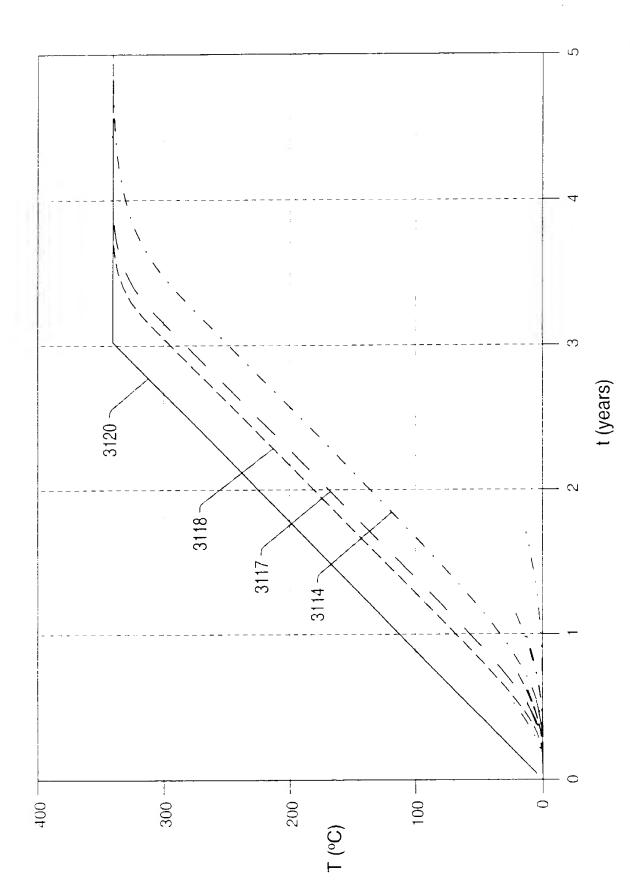


FIG. 81b

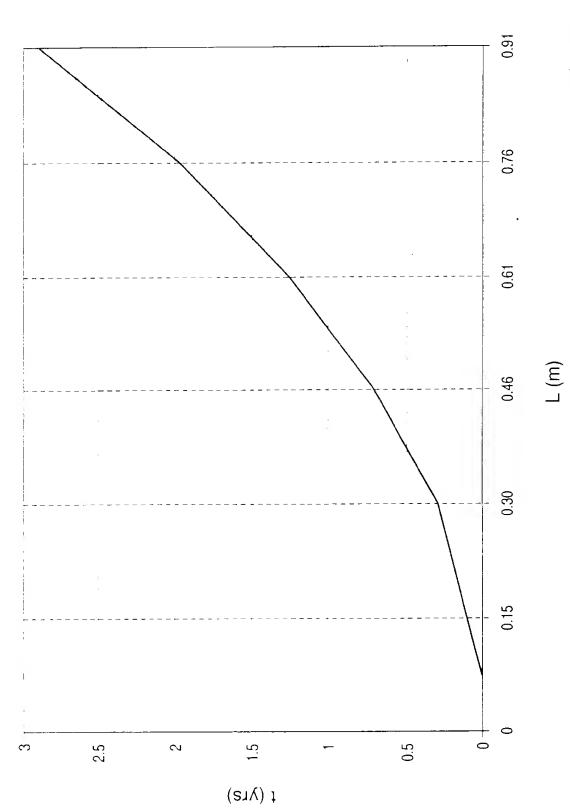
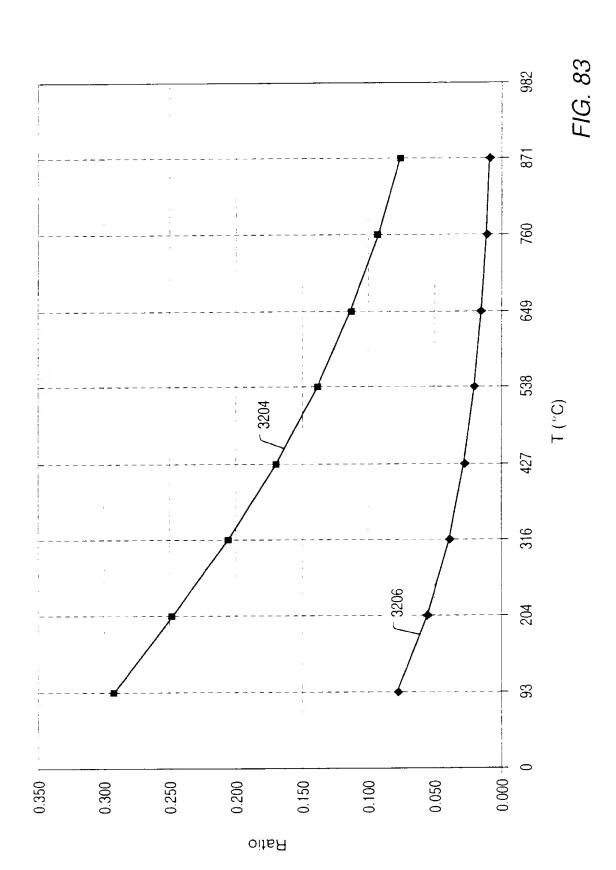


FIG. 82



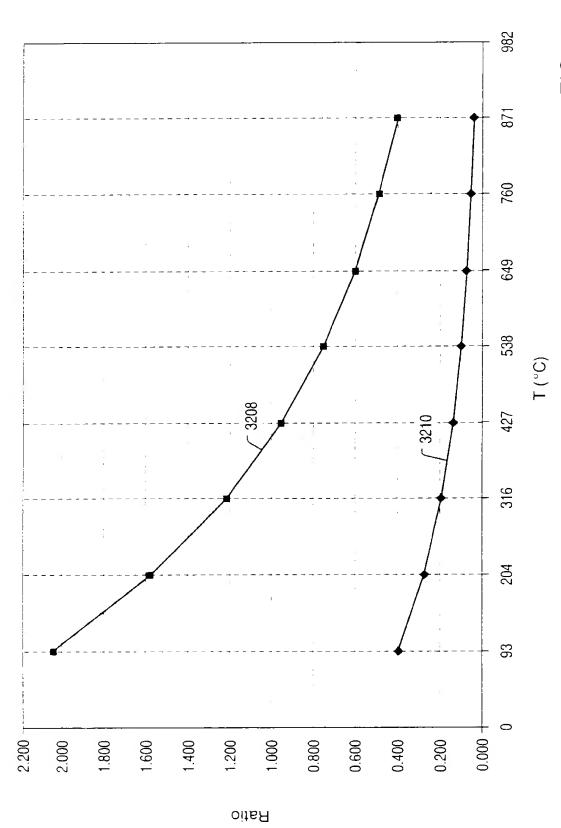
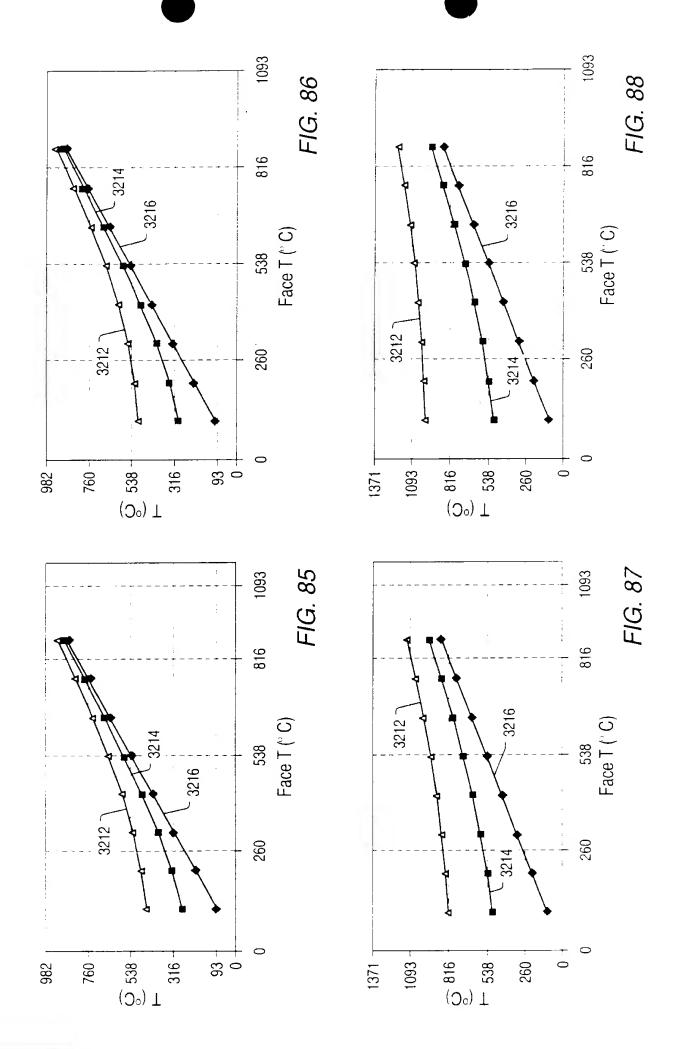
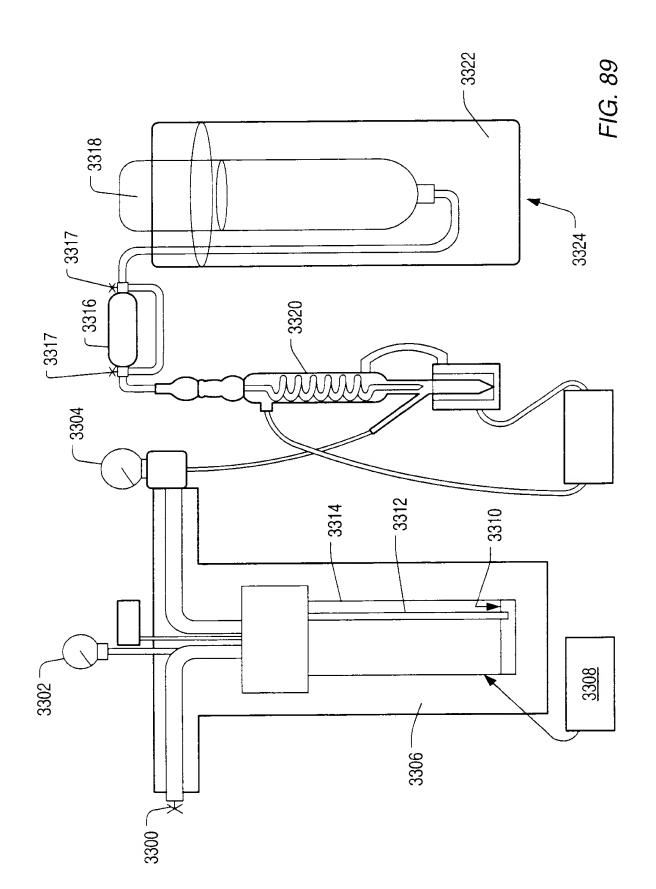
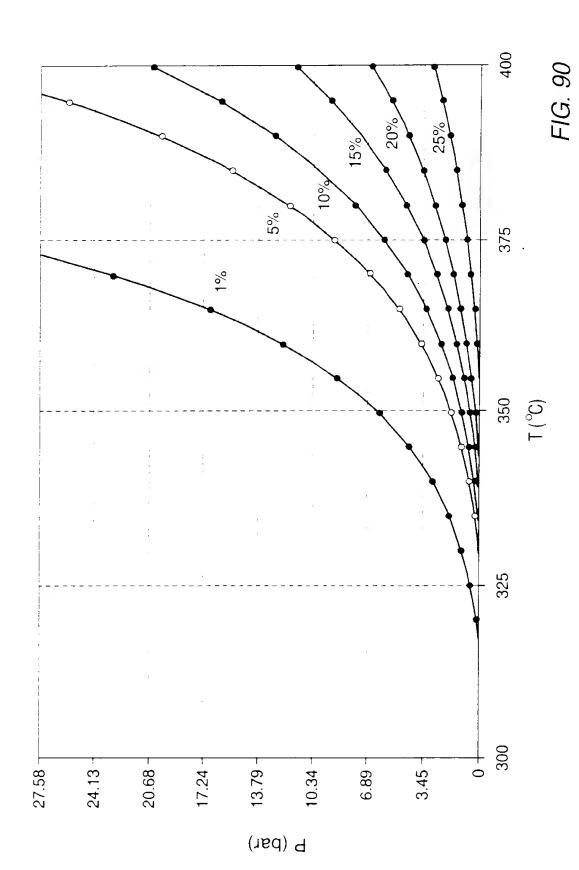
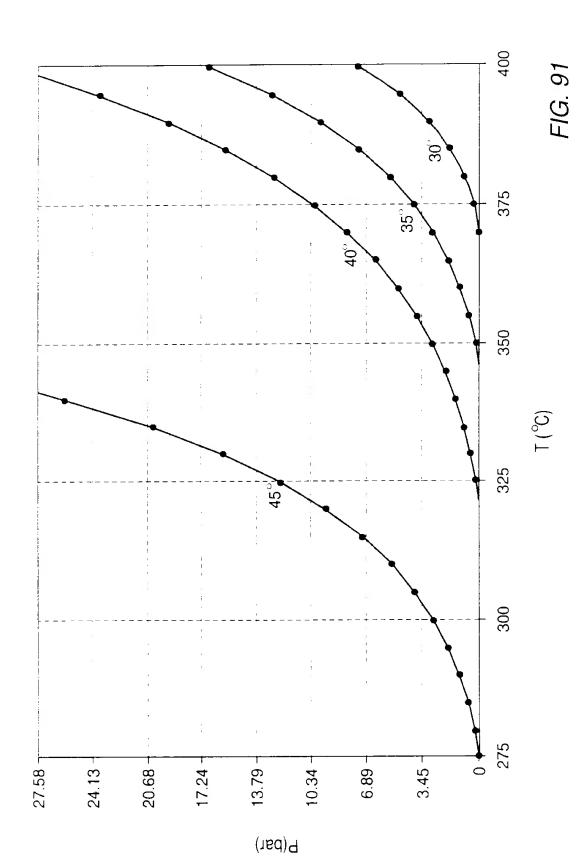


FIG. 84









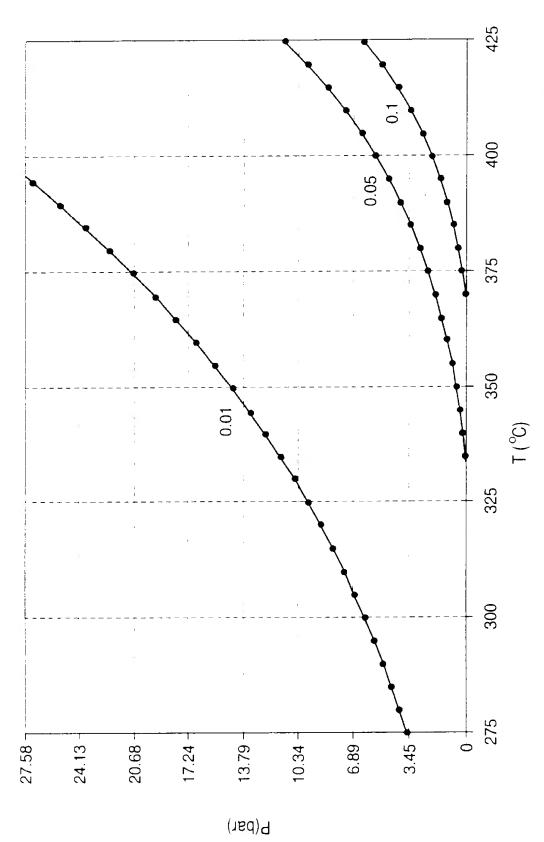
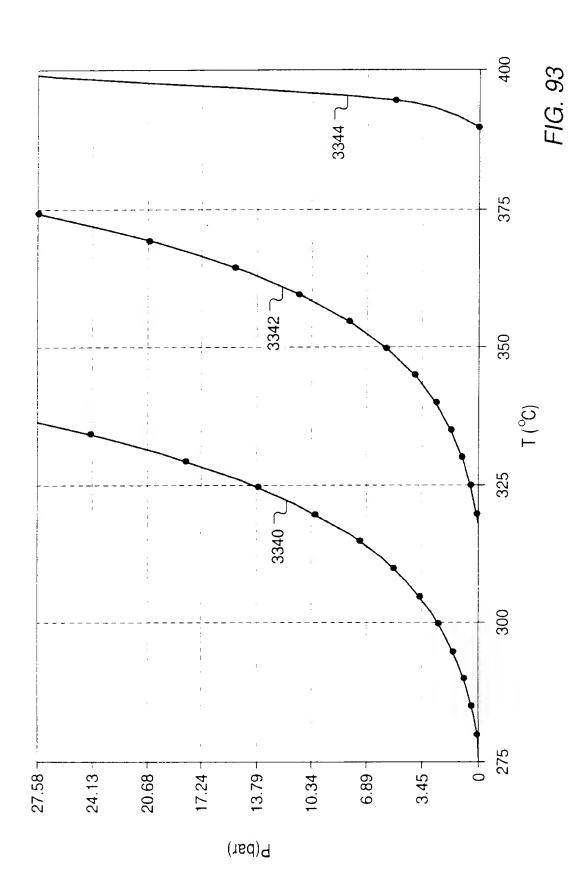


FIG. 92



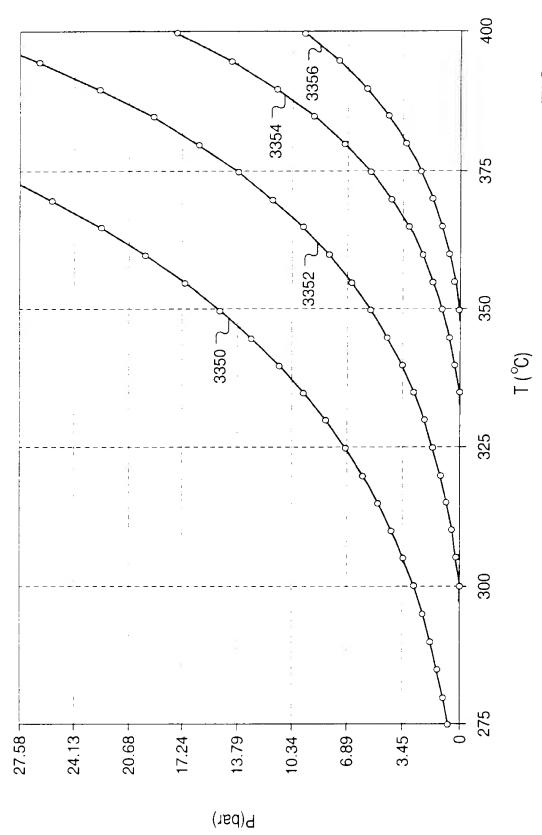


FIG. 94

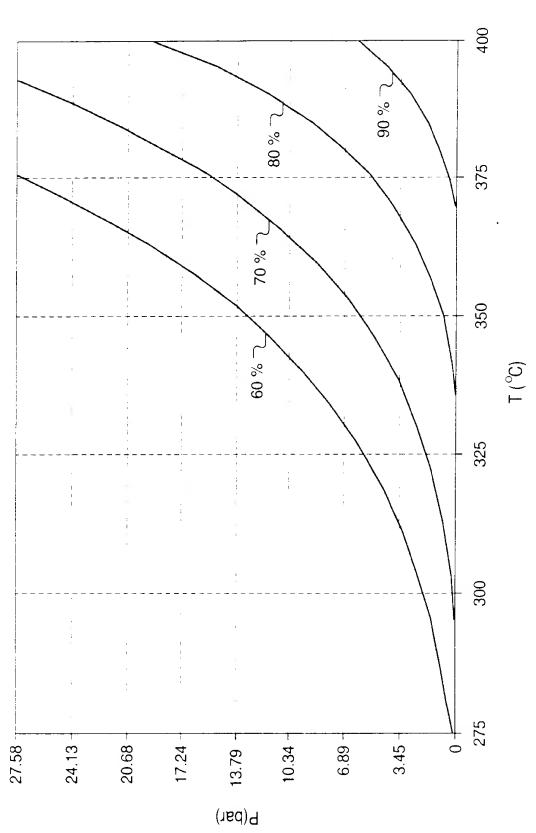


FIG. 95

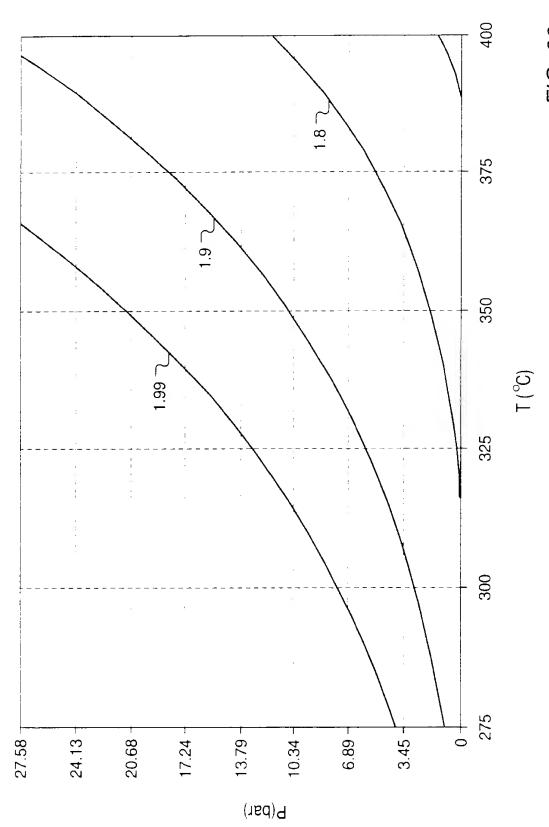
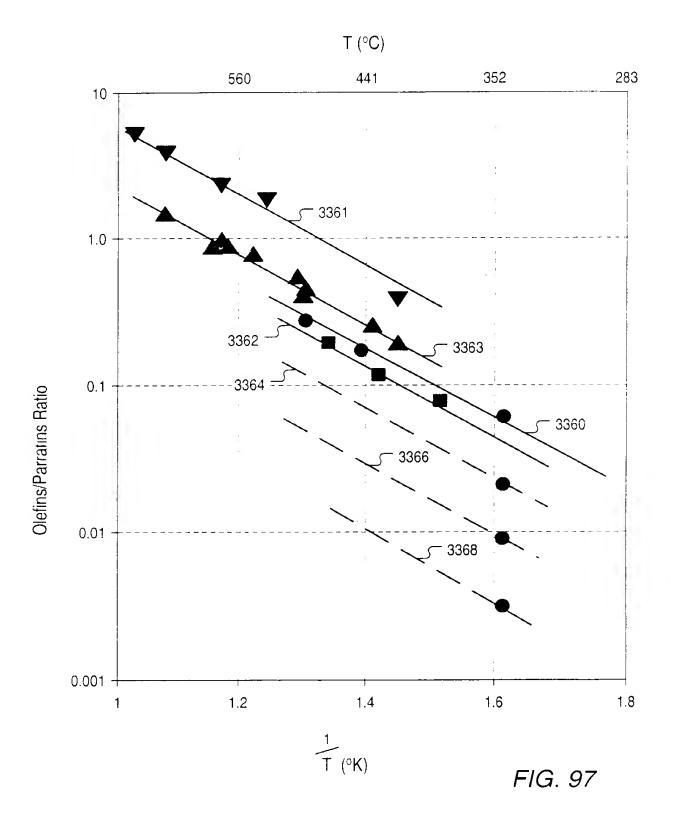


FIG. 96



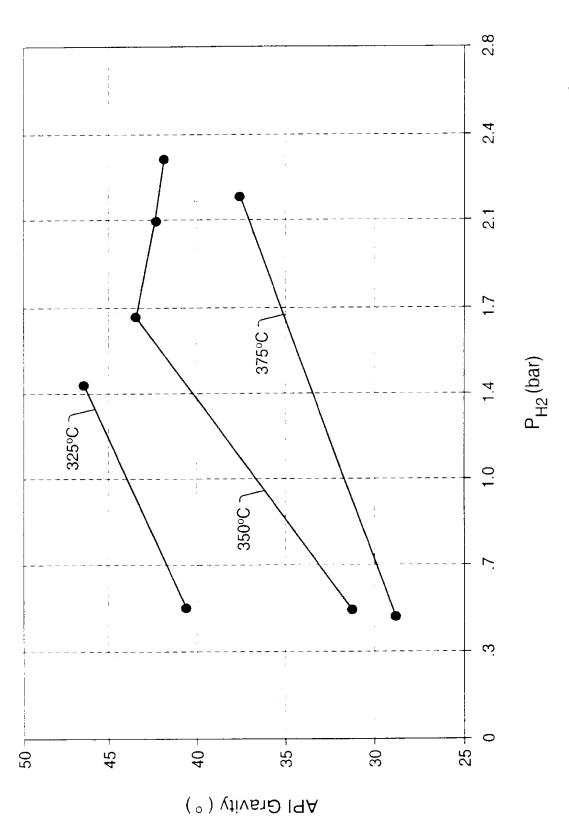


FIG. 98

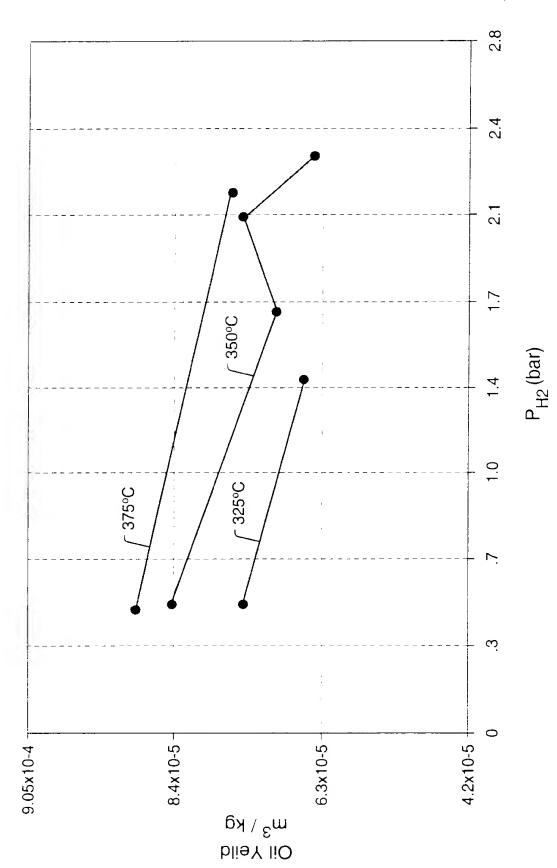


FIG. 99

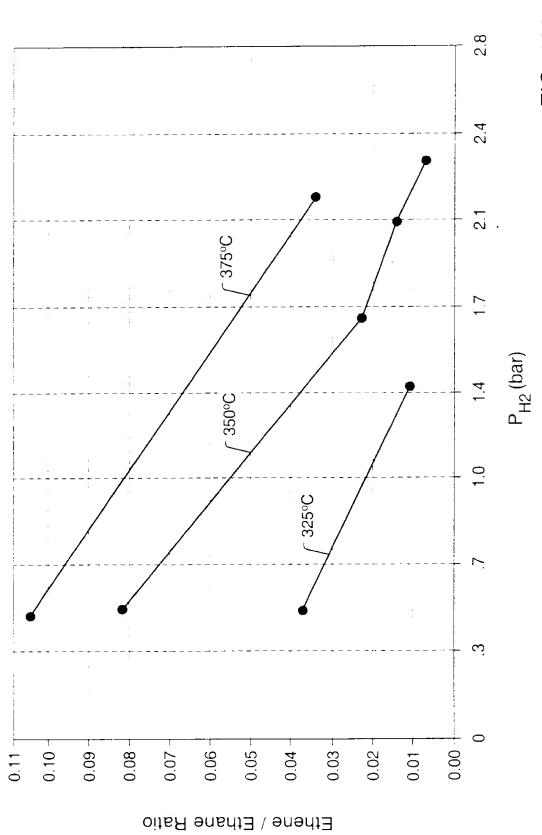
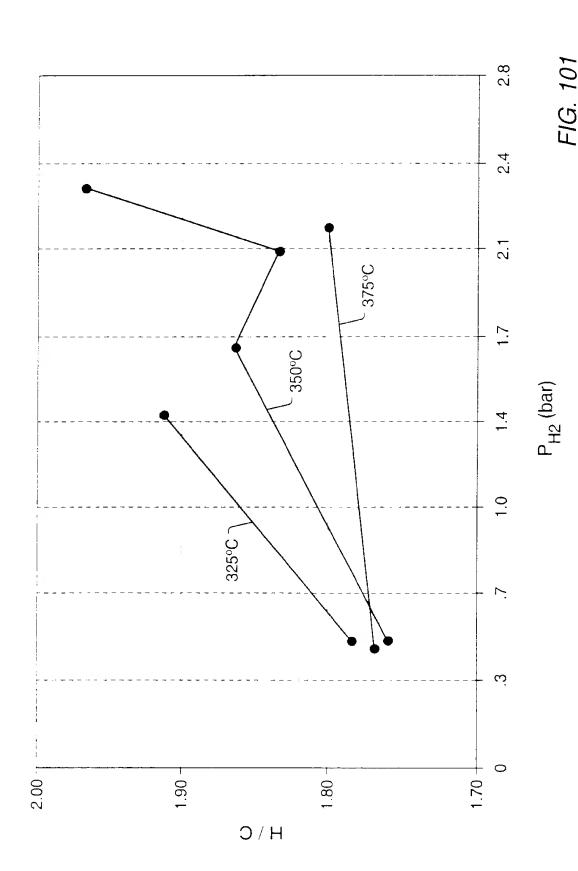
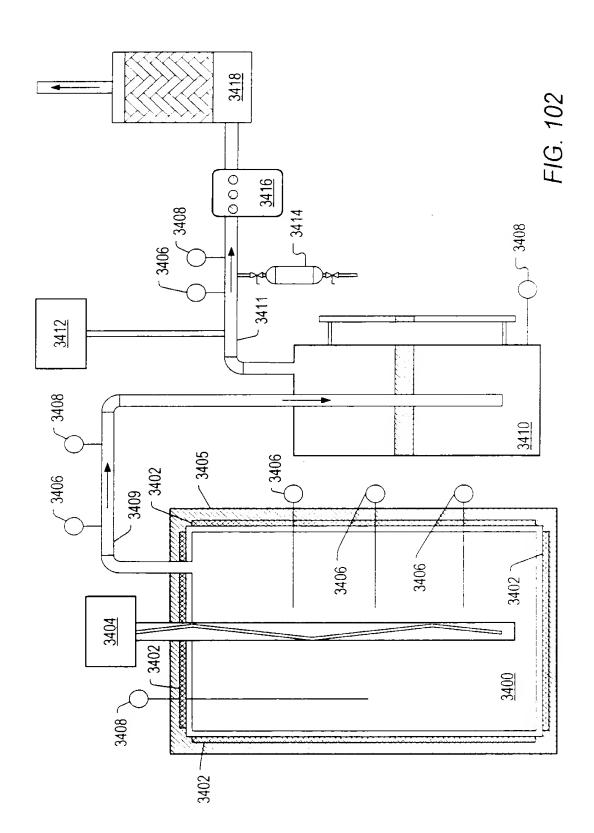


FIG. 100





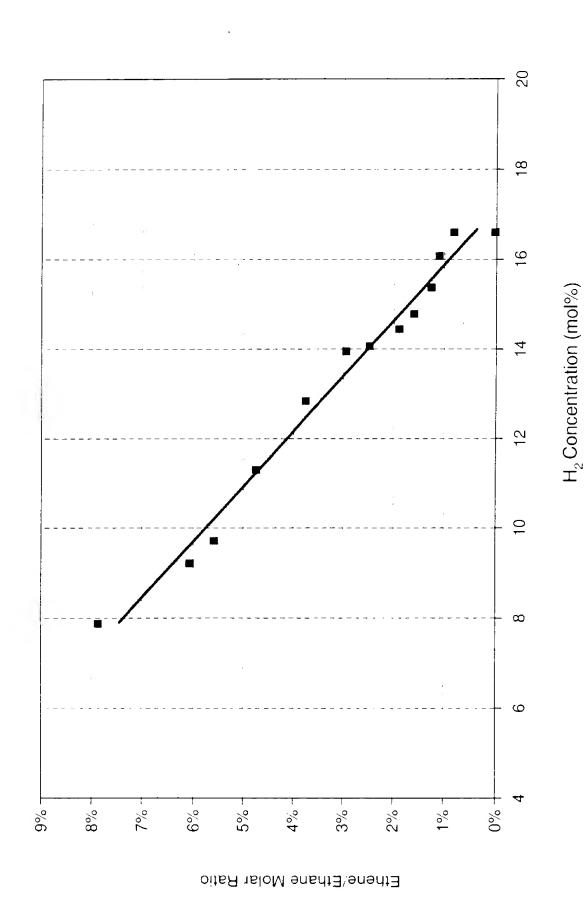


FIG. 103

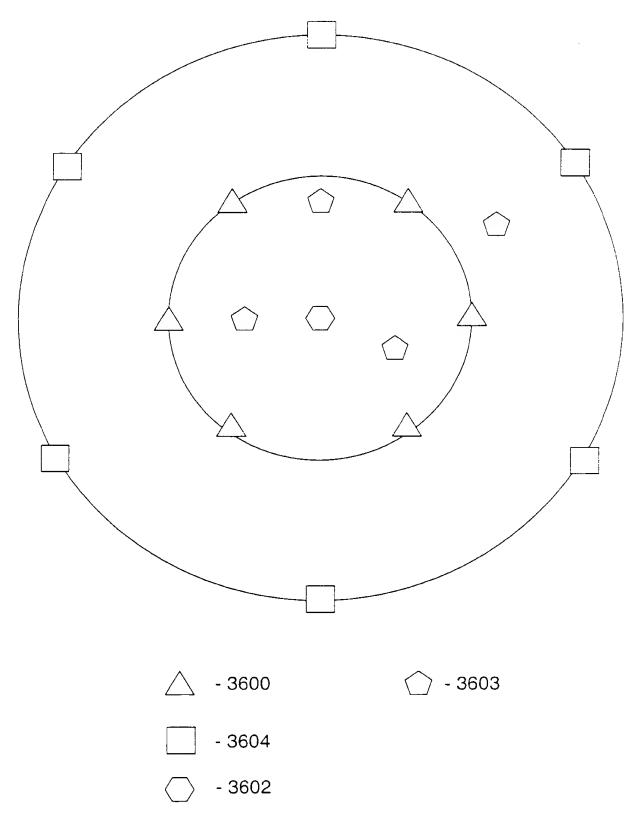
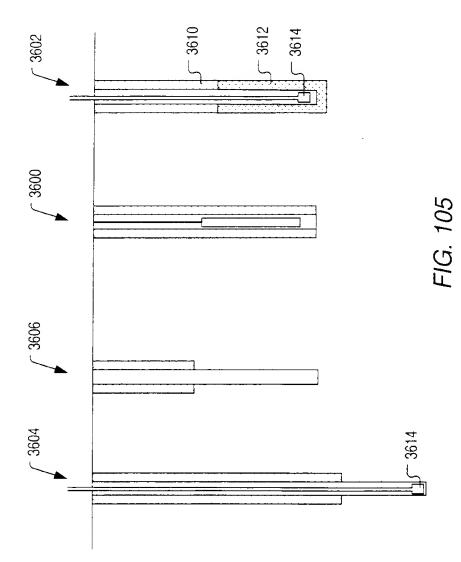


FIG. 104



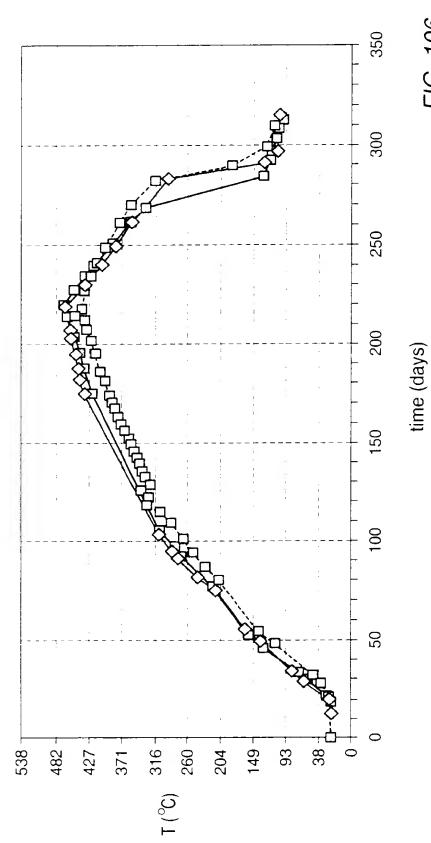
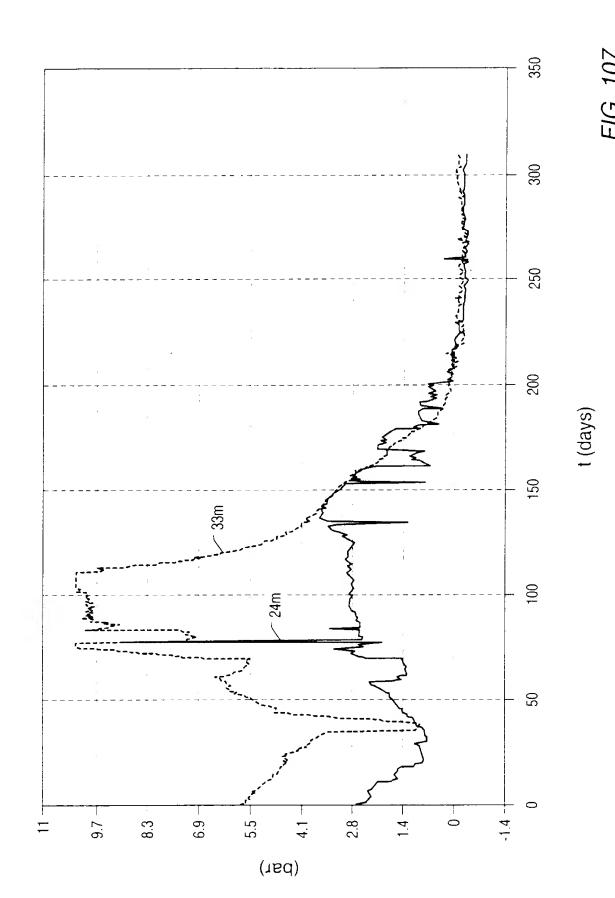
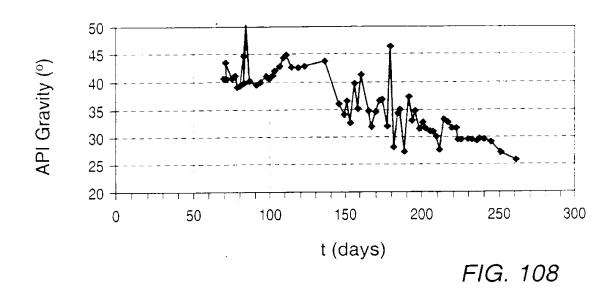
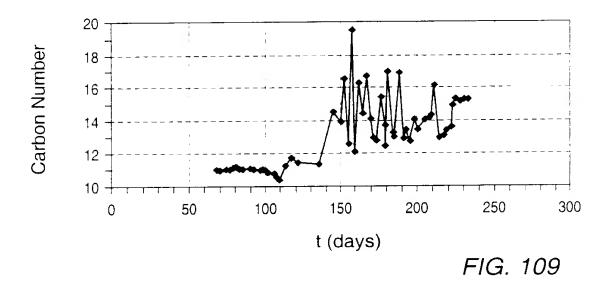
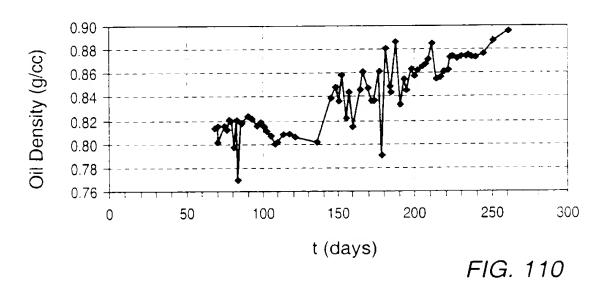


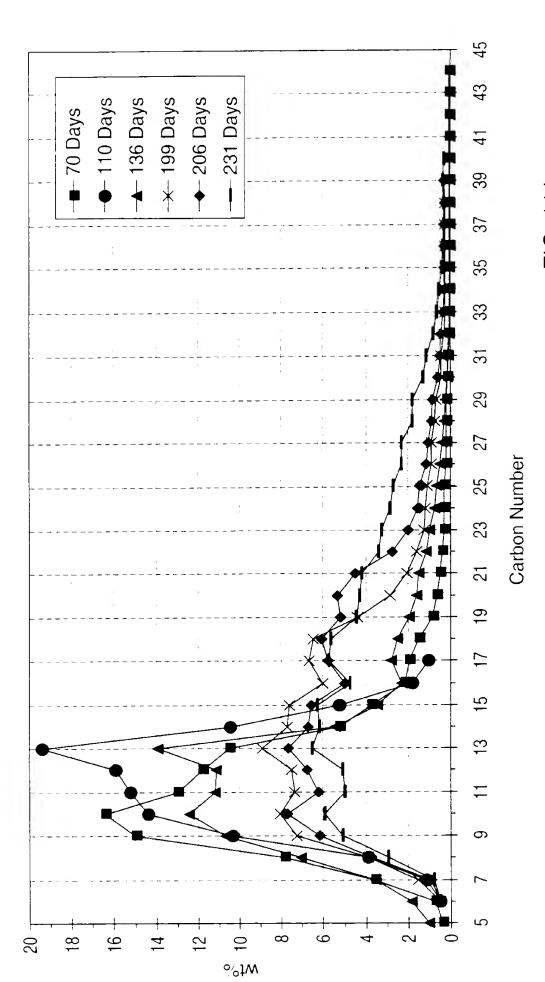
FIG. 106











-1G. 111

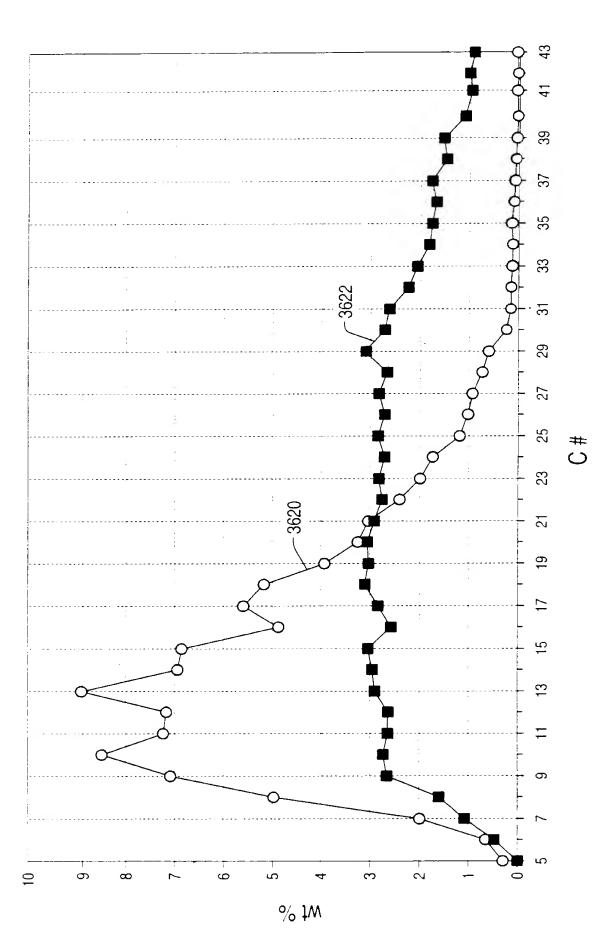
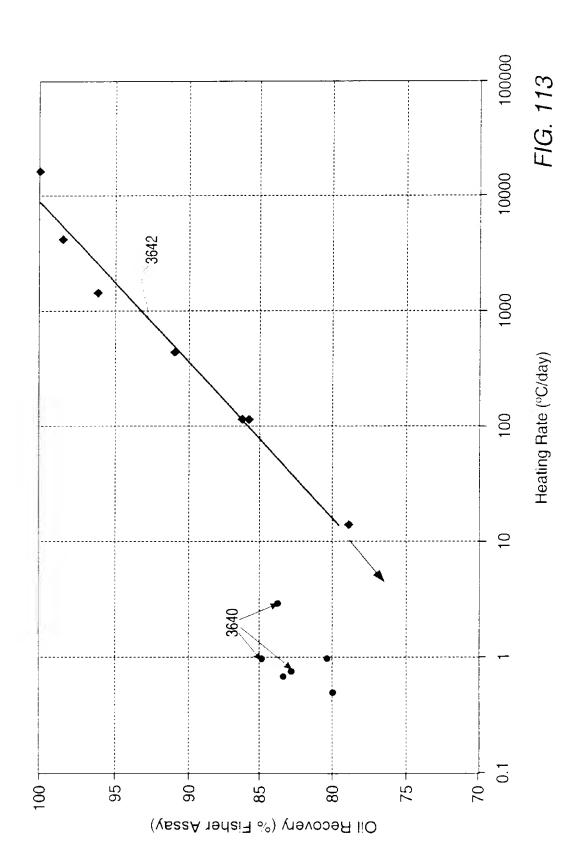


FIG 112



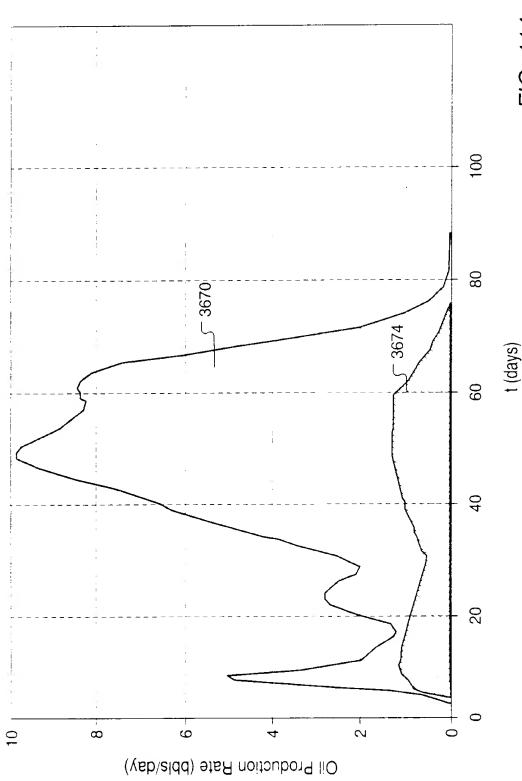
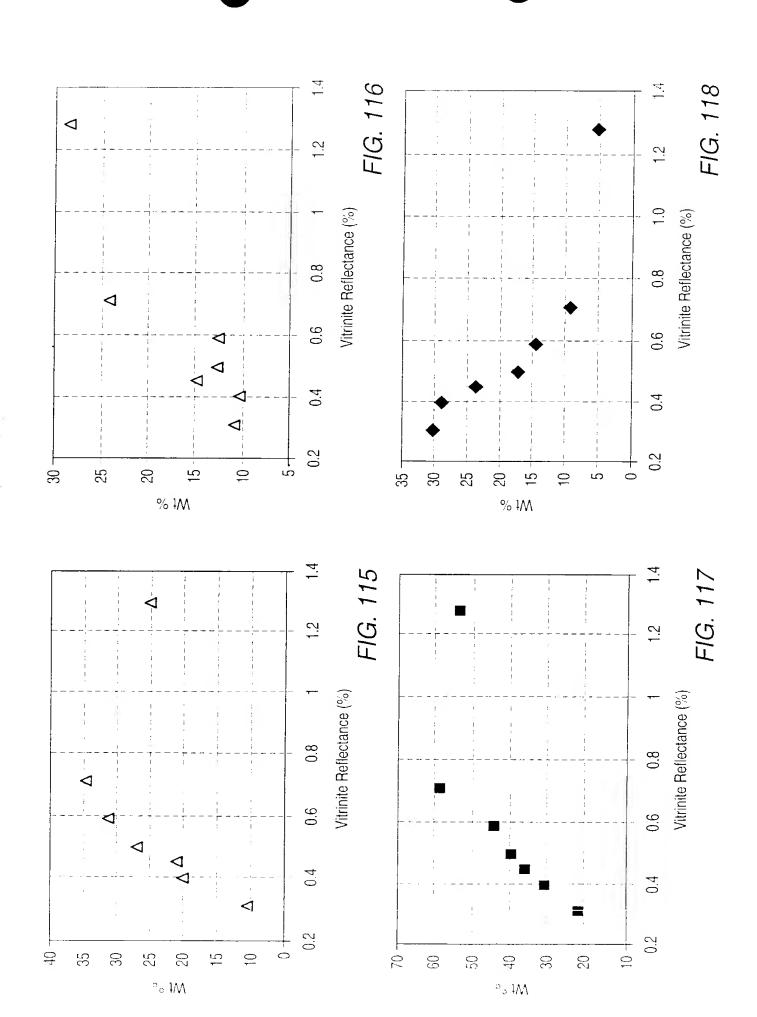


FIG. 114



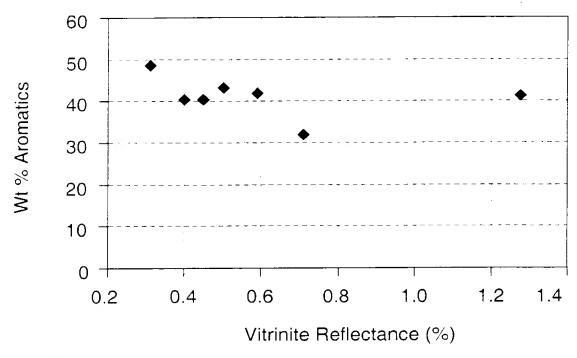


FIG. 119

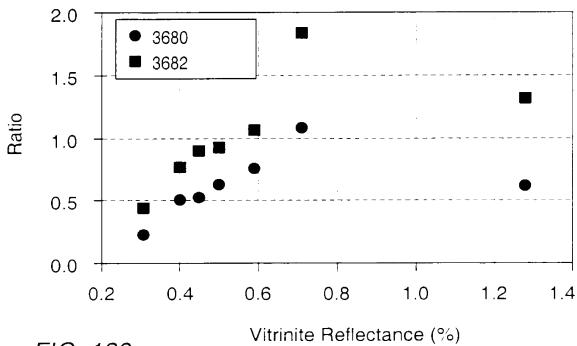
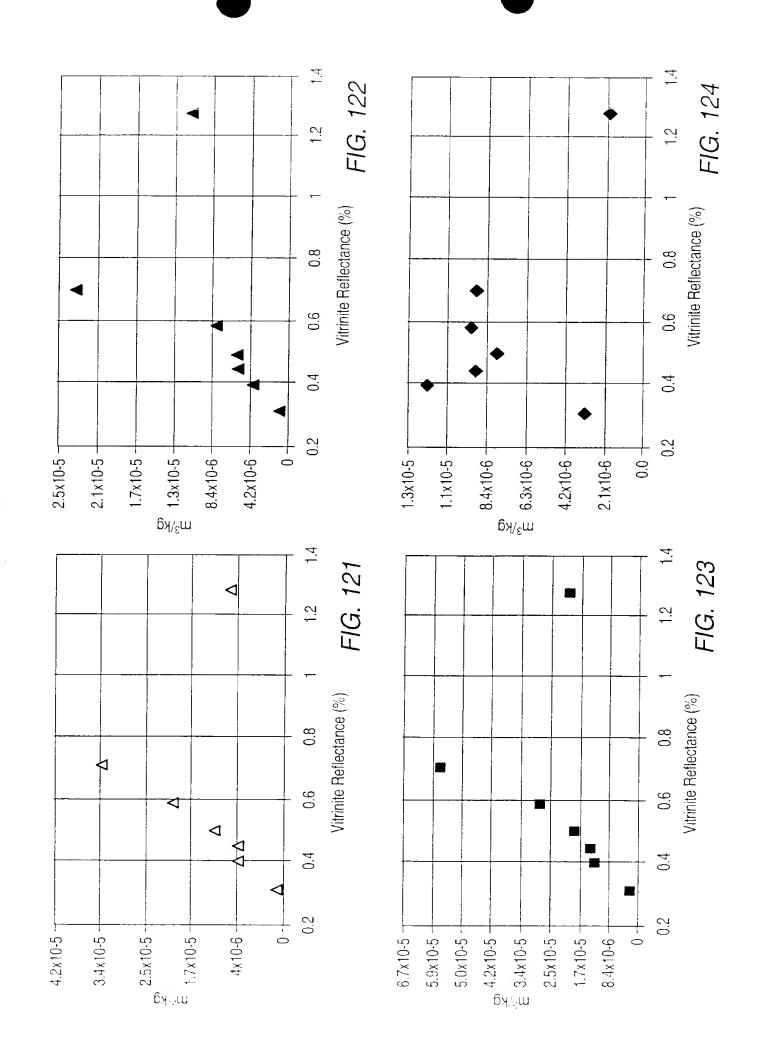


FIG. 120



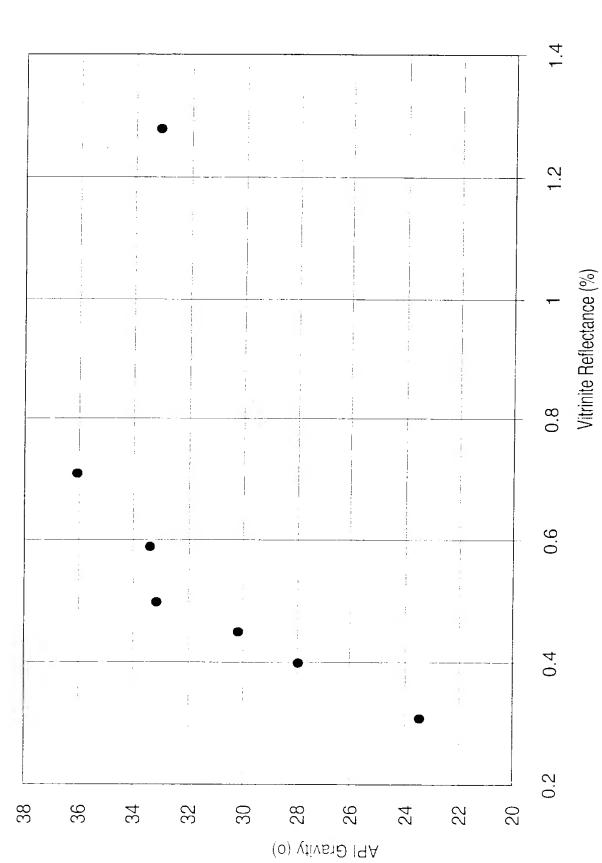
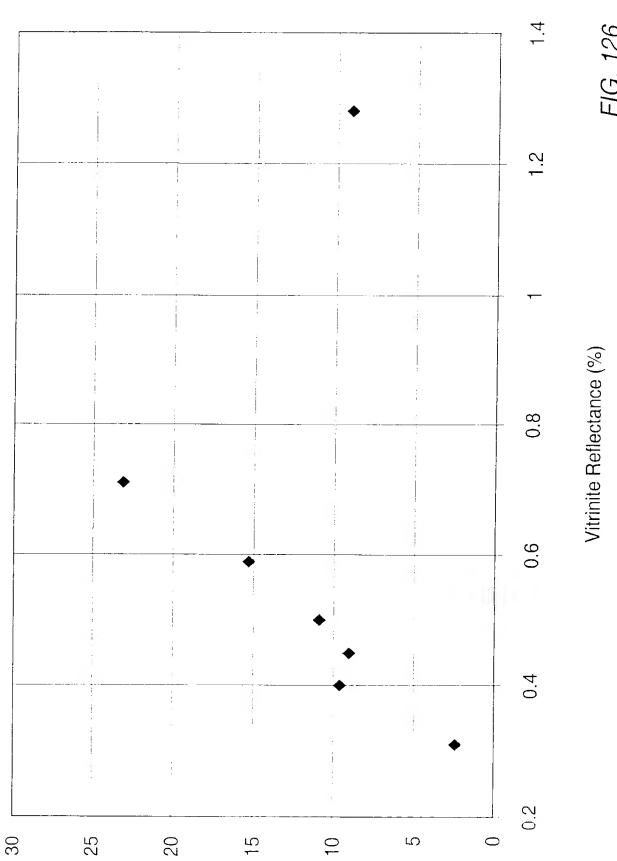
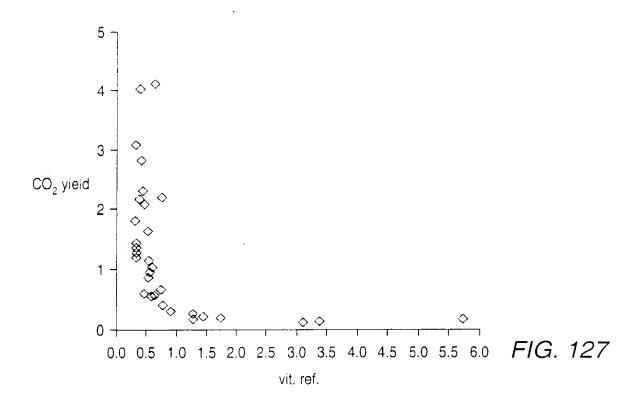
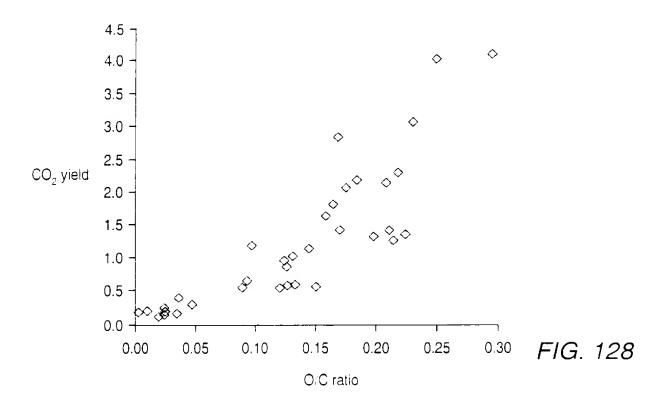


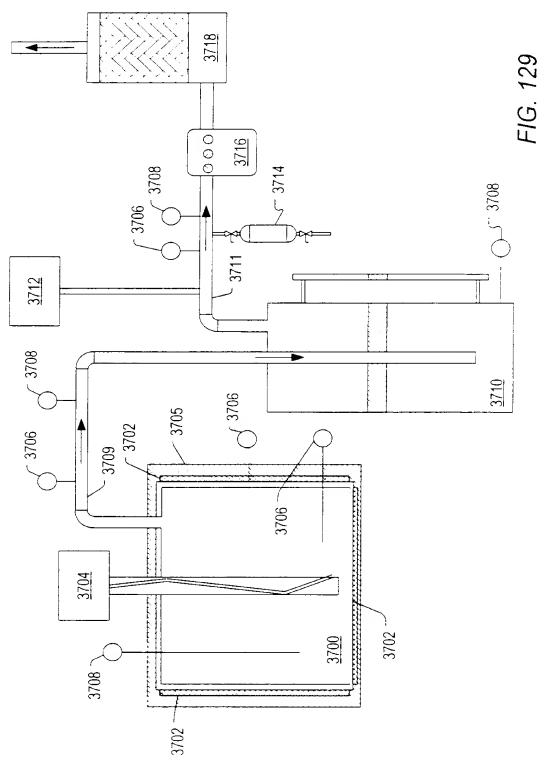
FIG. 125

0.2 20 5 Ω 10 0 Oil Yield (gal/ton. daf coal)









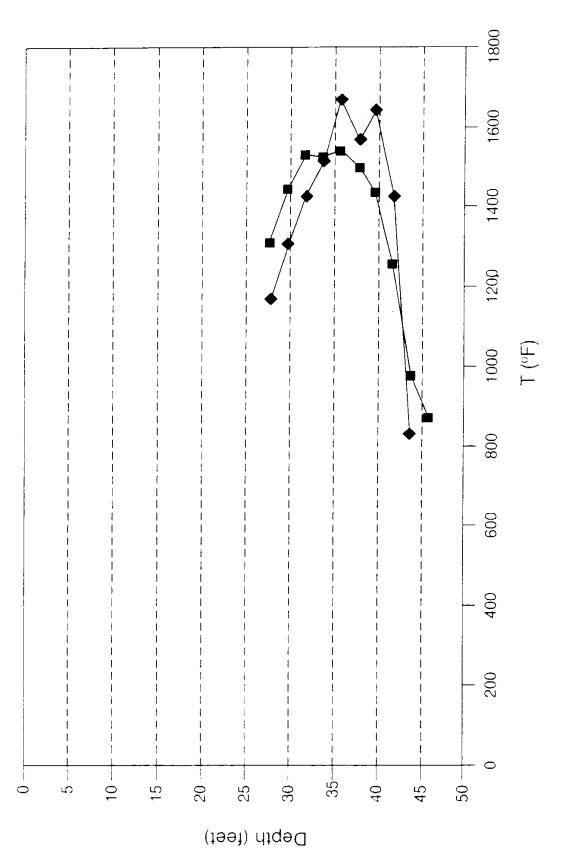
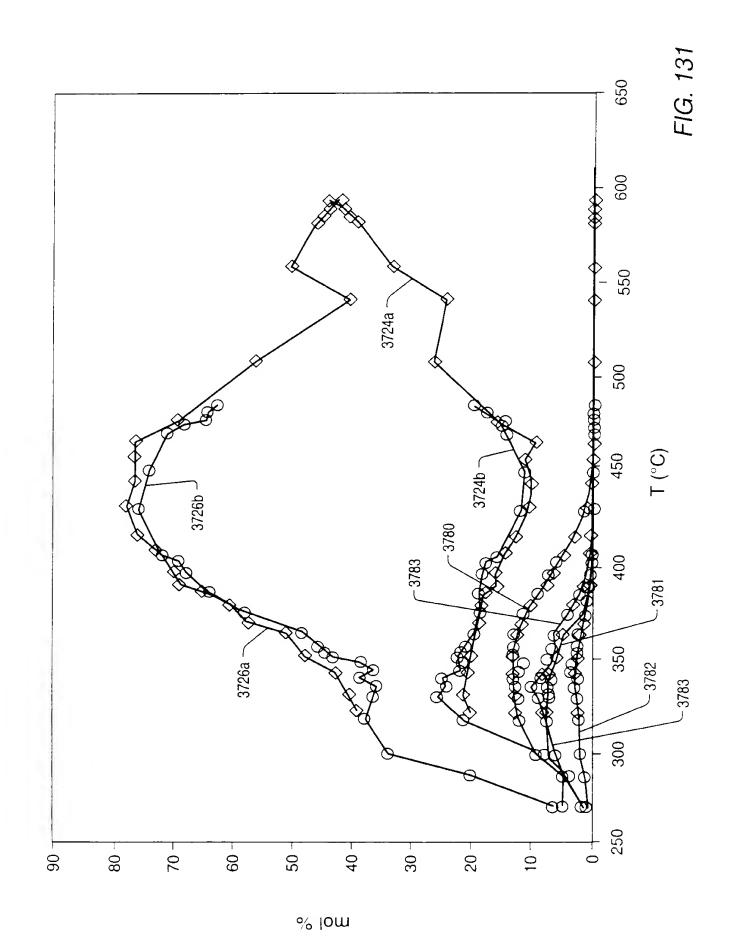
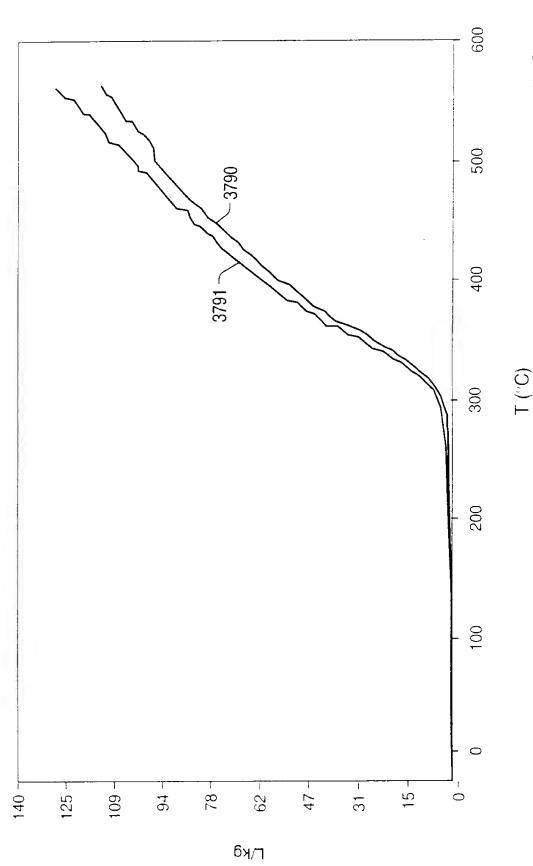


FIG. 130





F/G. 132

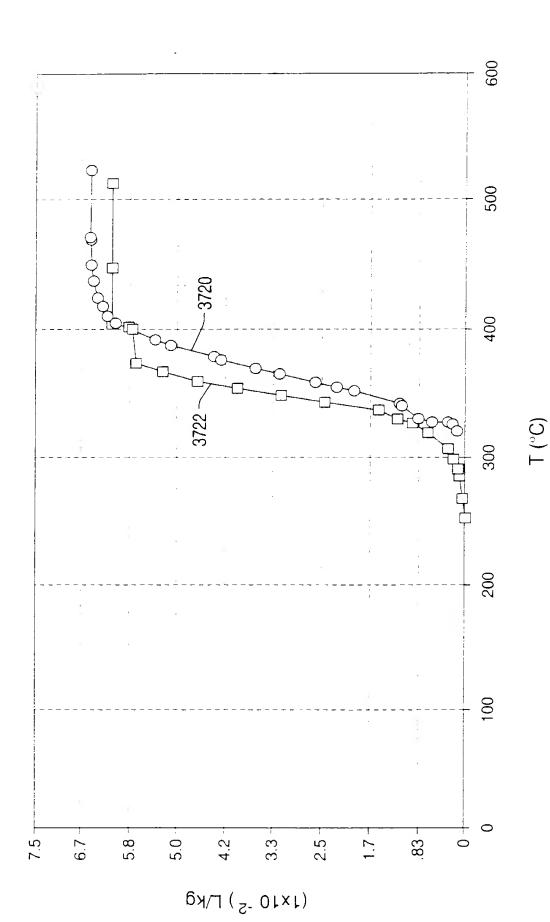


FIG. 133

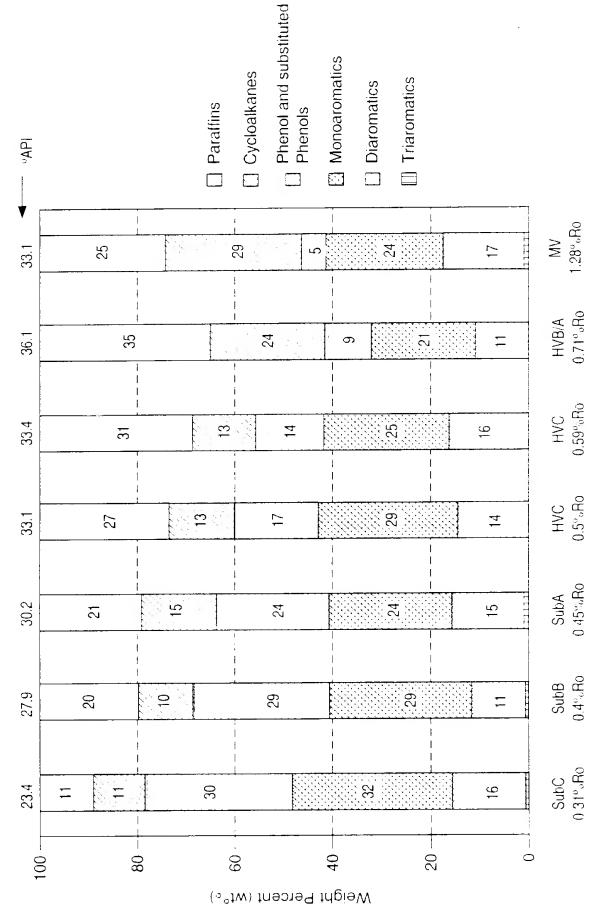
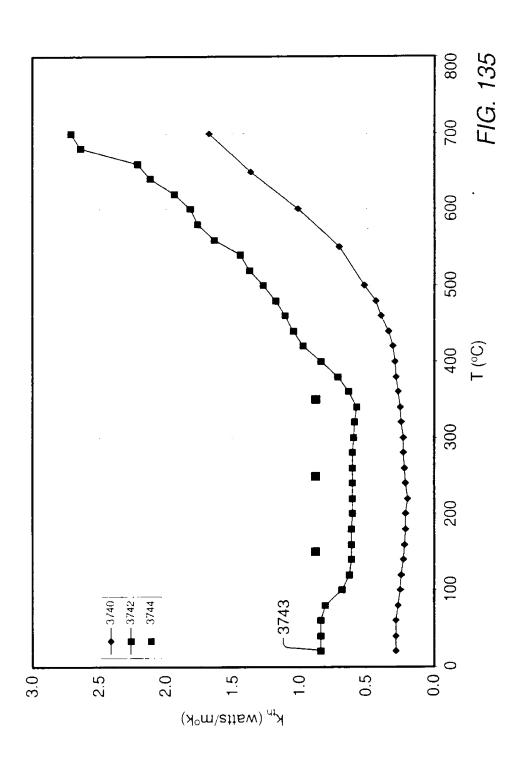
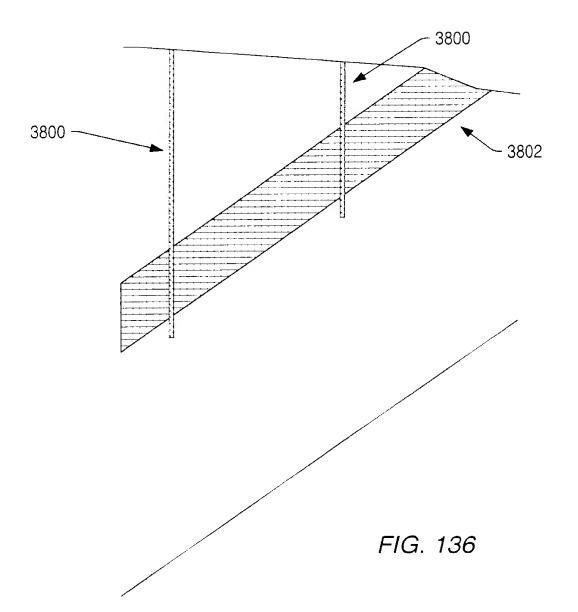
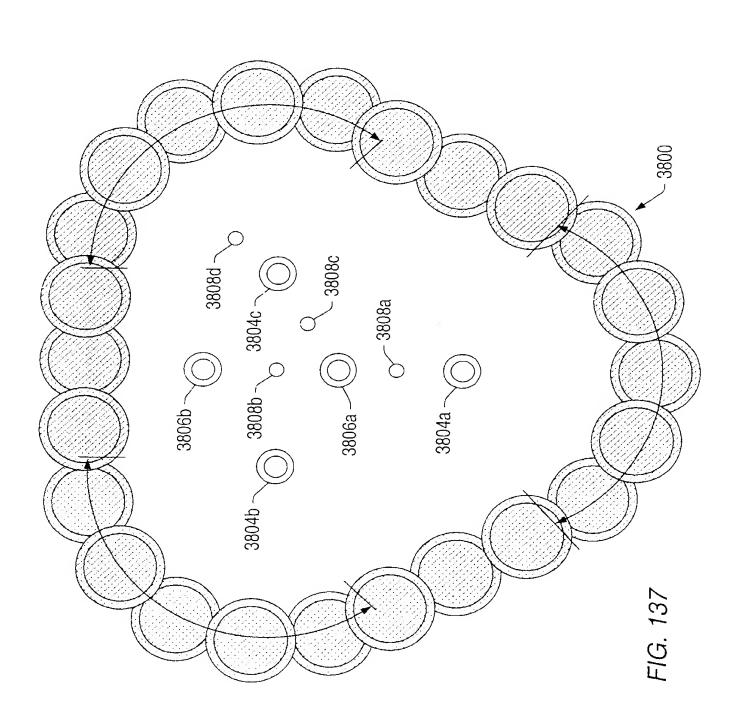
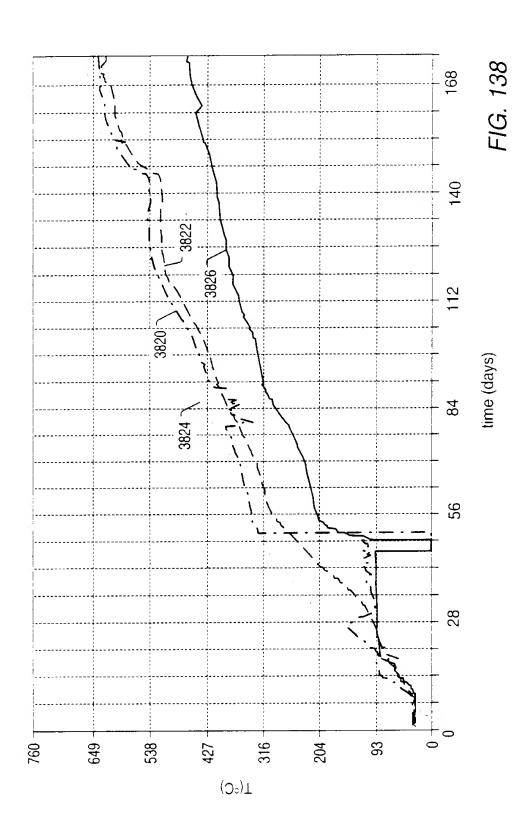


FIG. 134









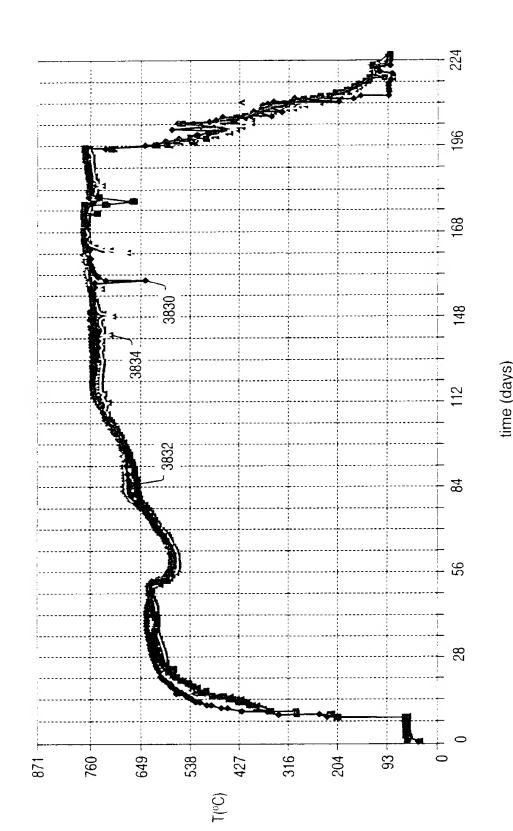
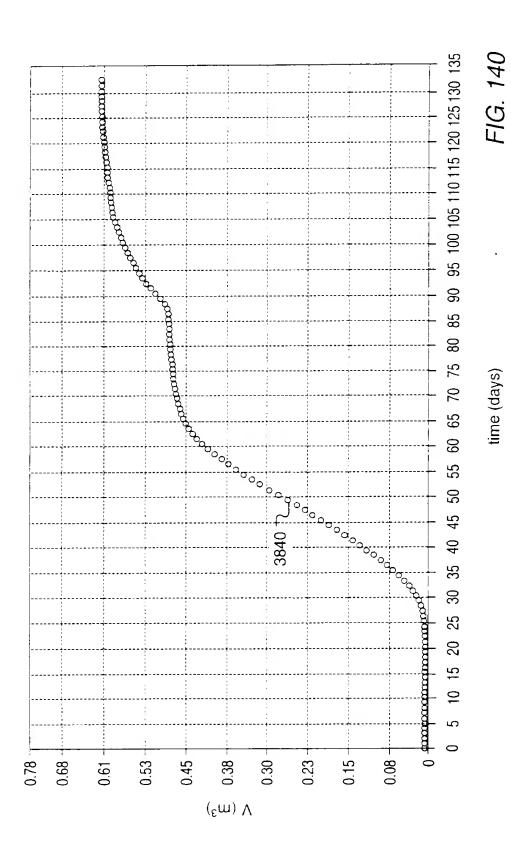
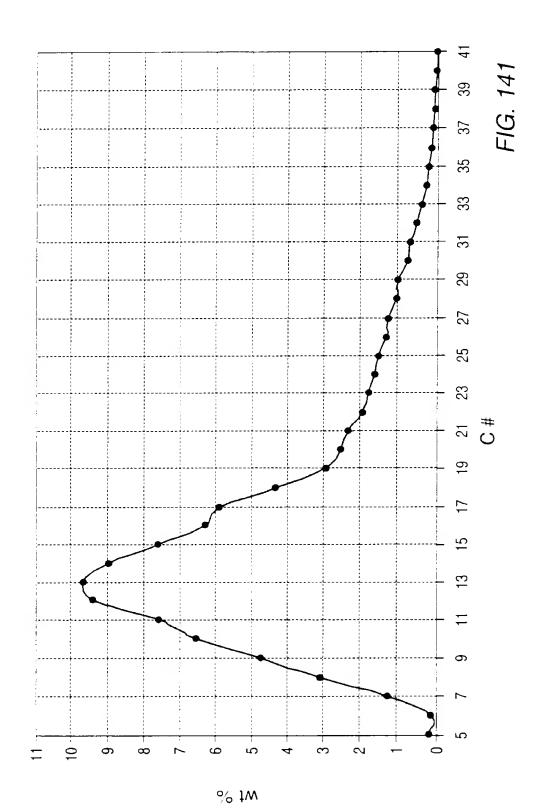


FIG. 13





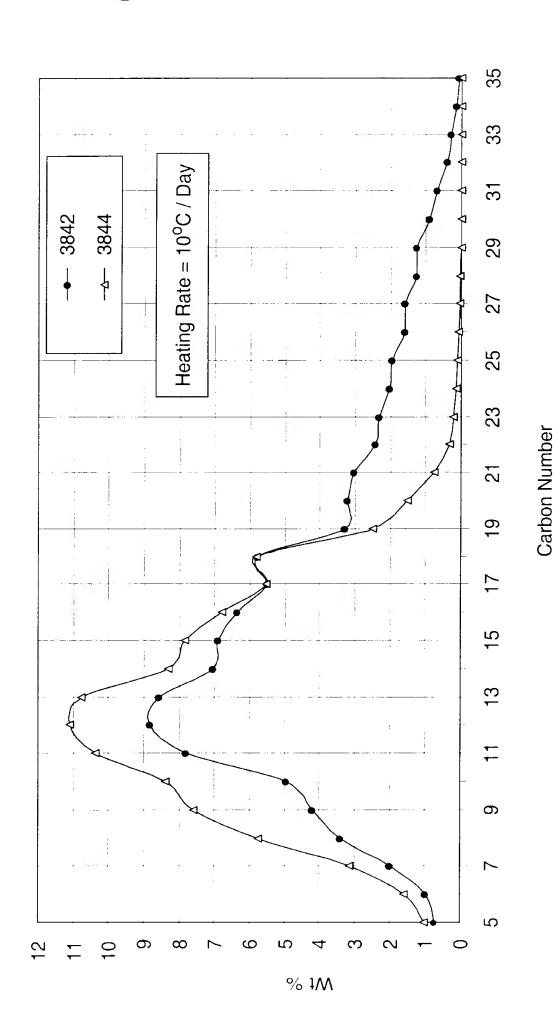


FIG. 142

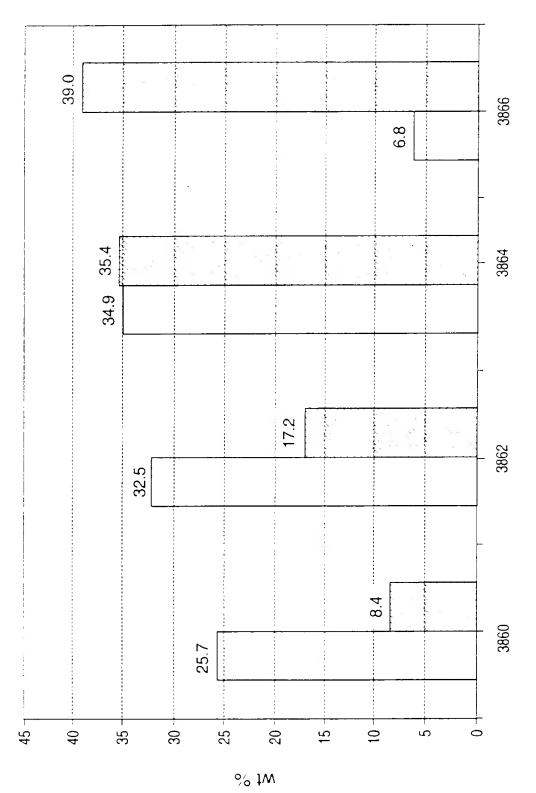


FIG. 143

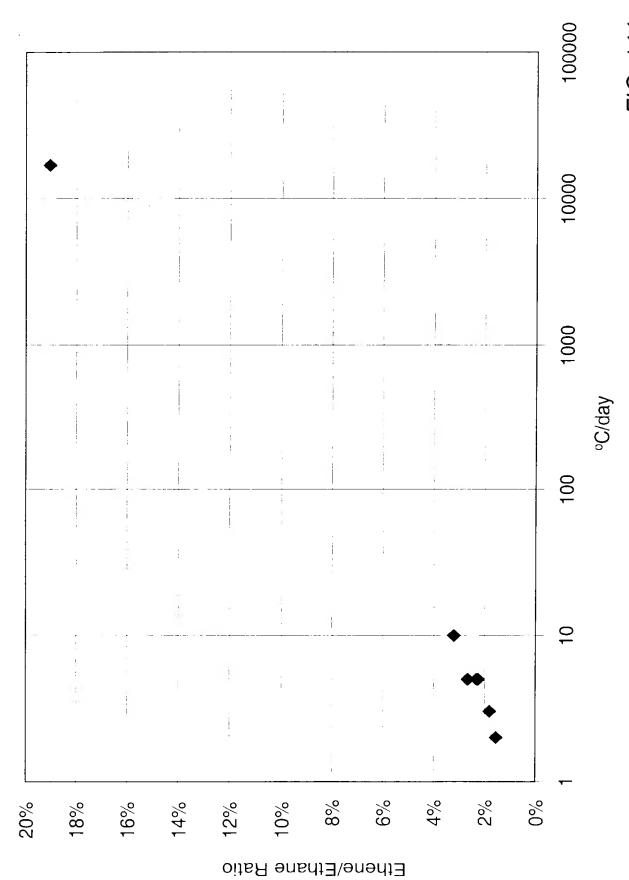
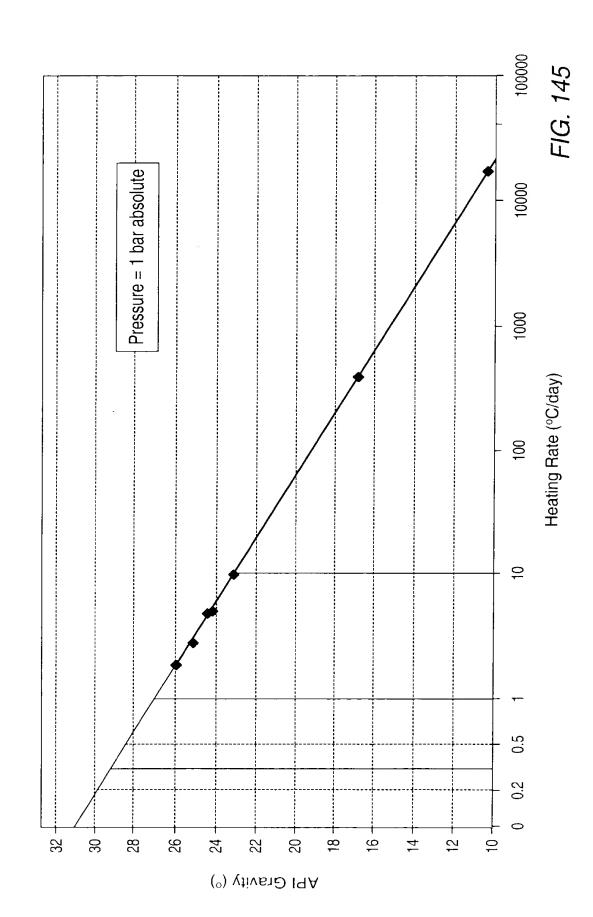


FIG. 144



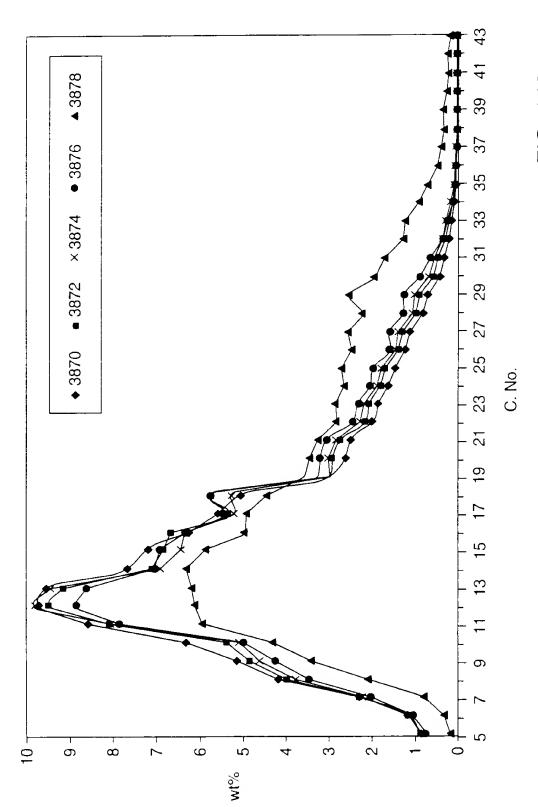
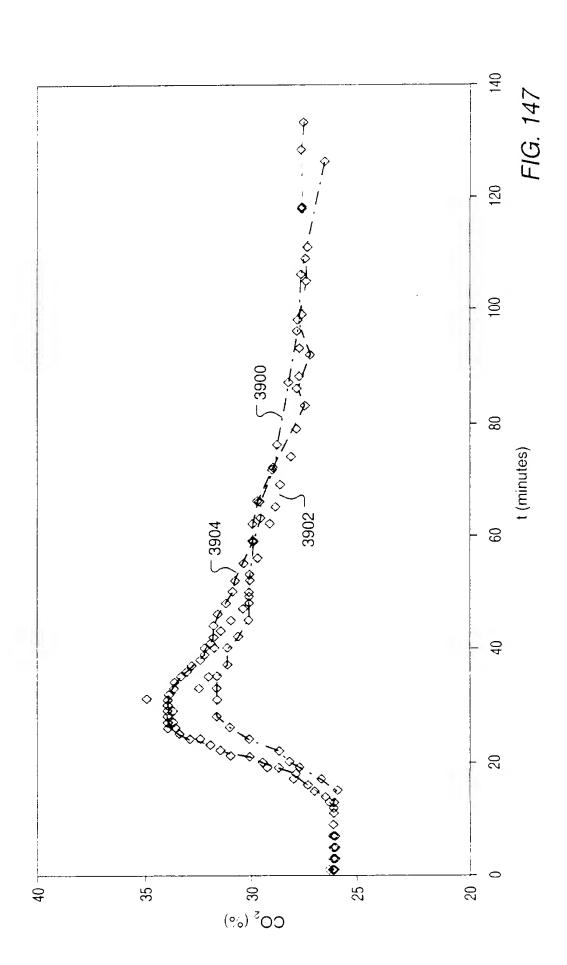
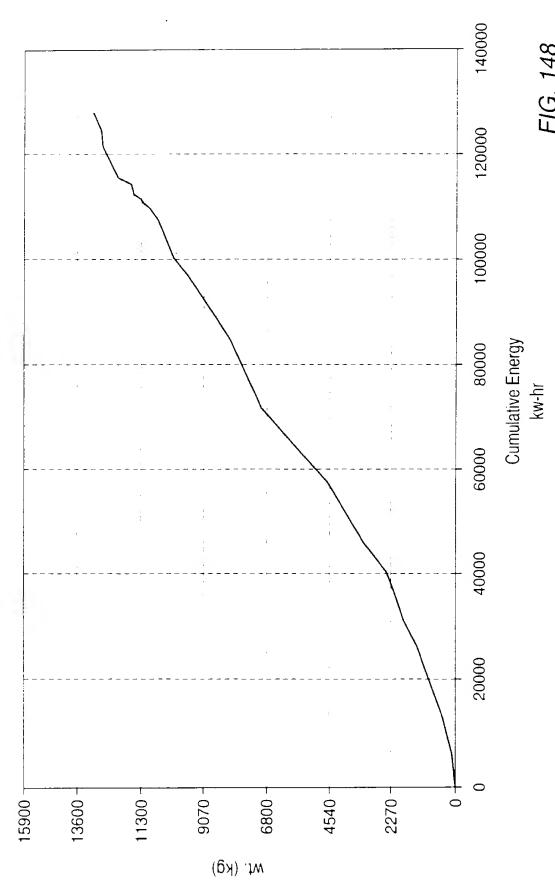
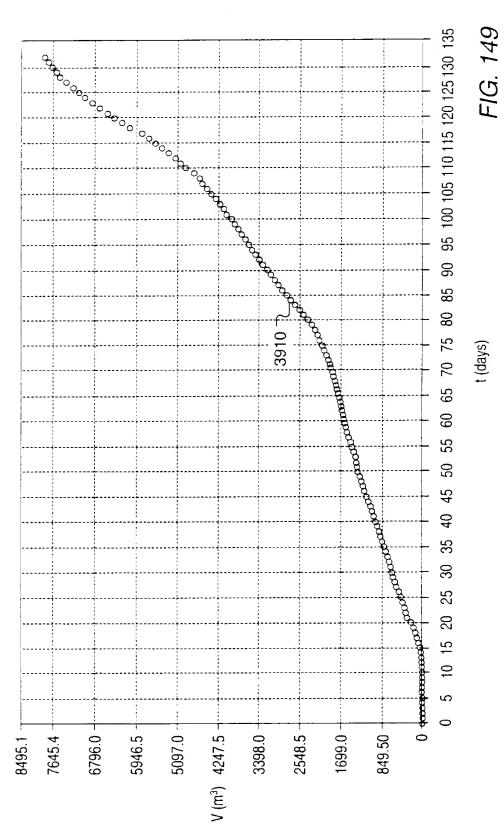
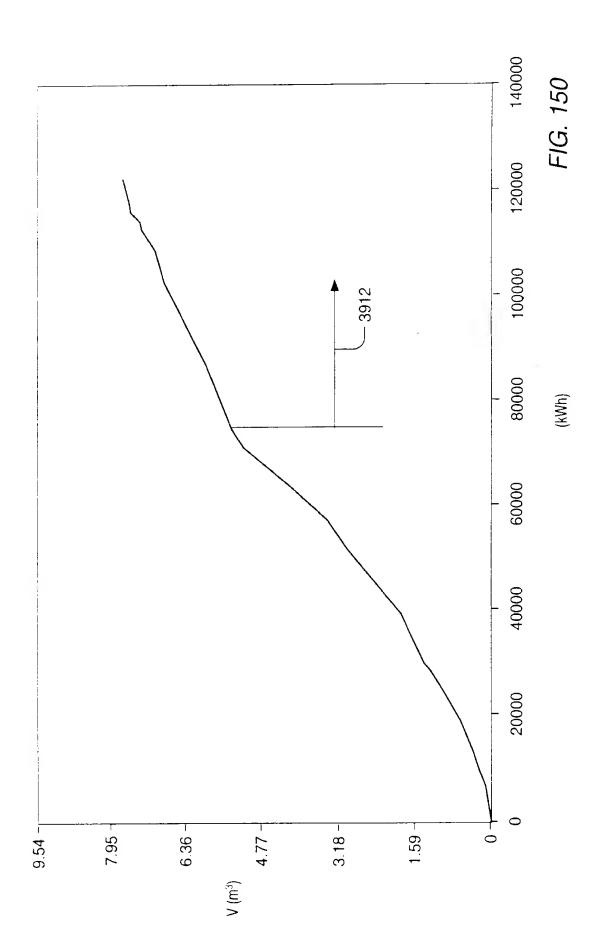


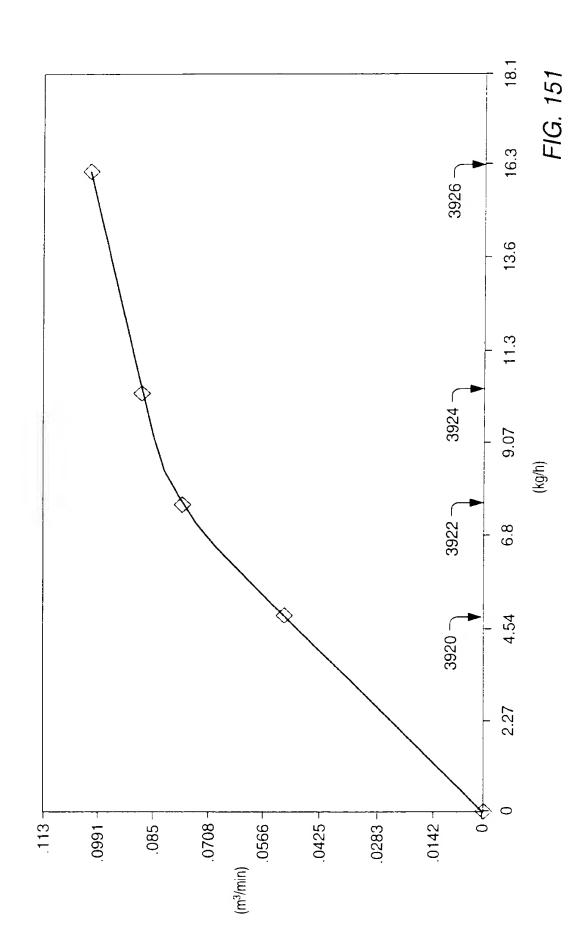
FIG. 146

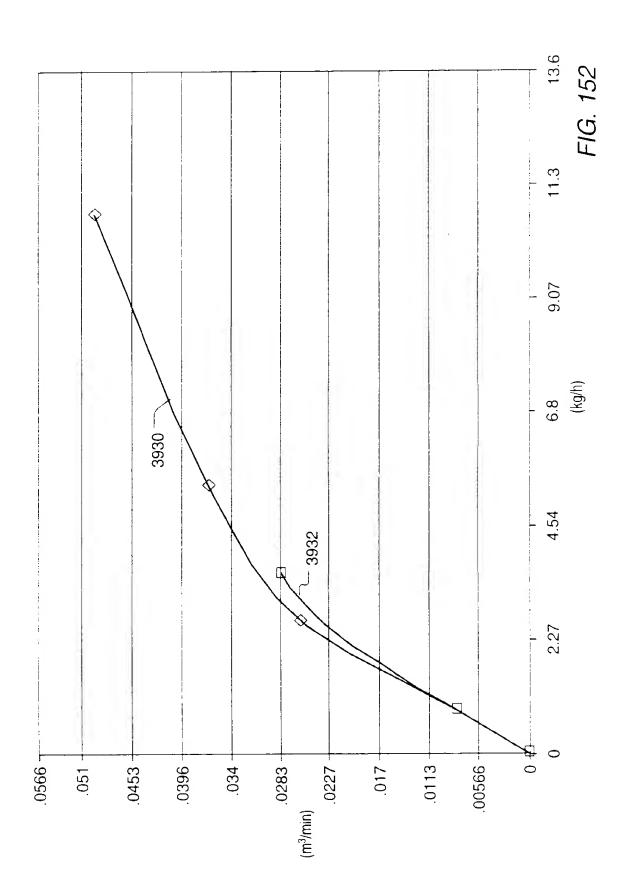












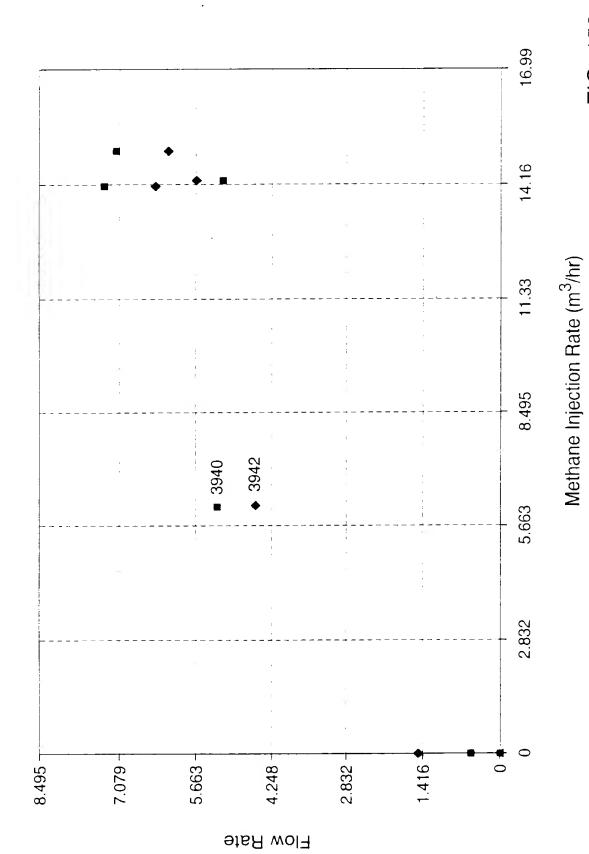


FIG. 153

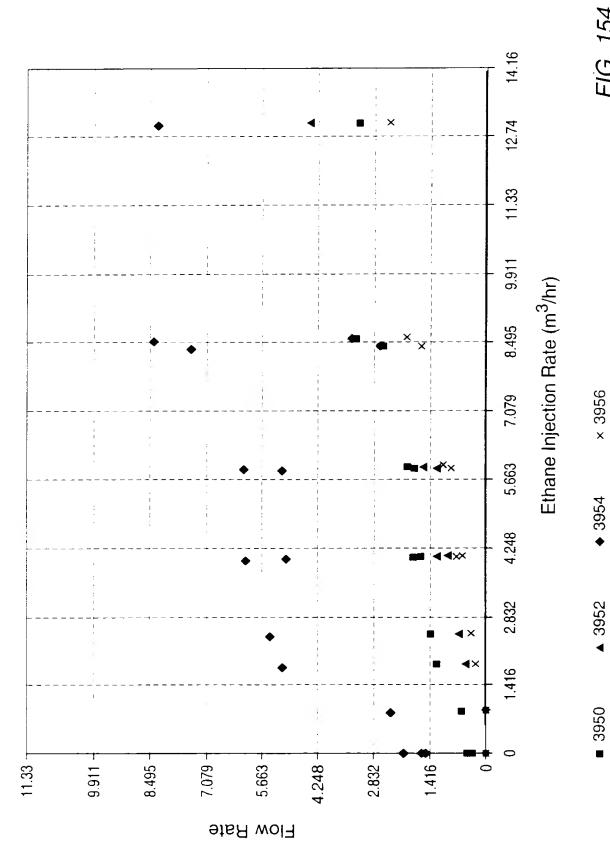
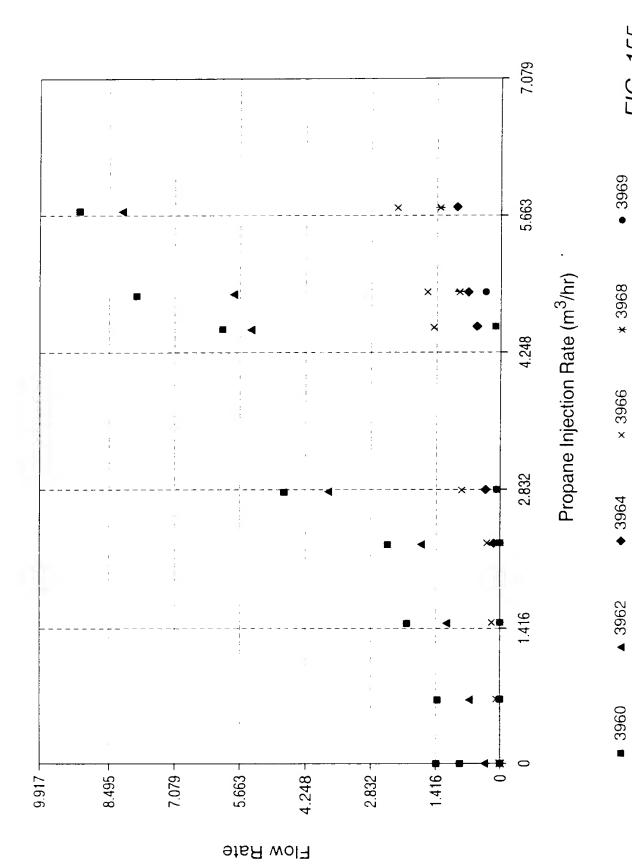
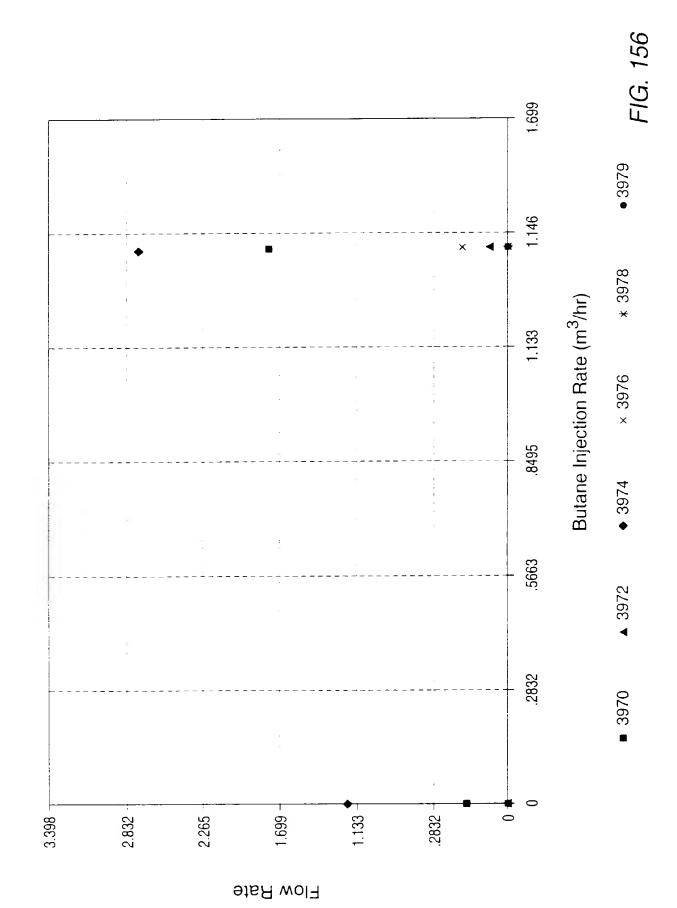
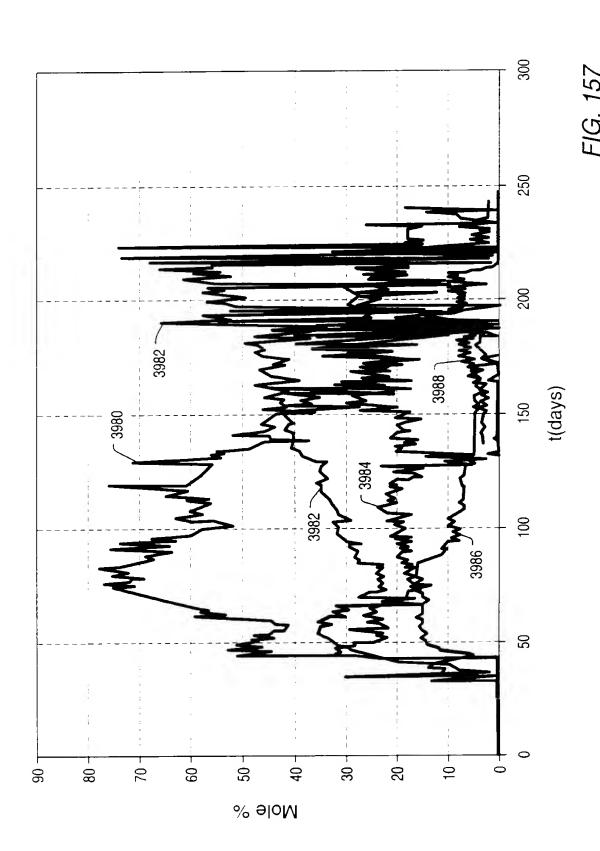


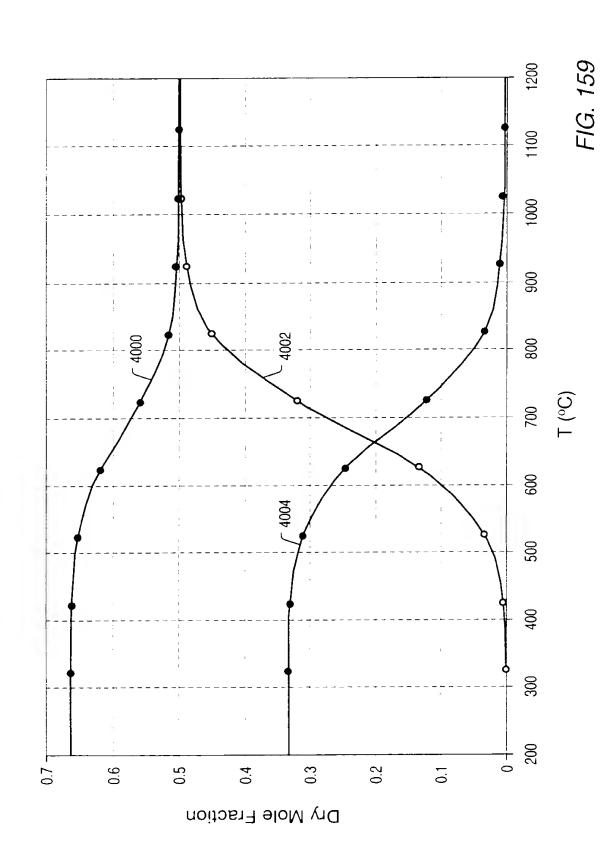
FIG. 154







-1G. 158



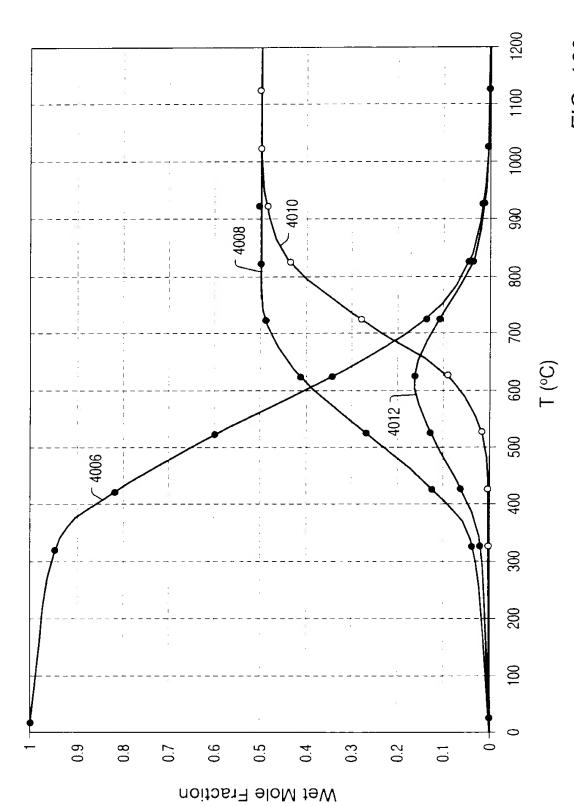


FIG. 160

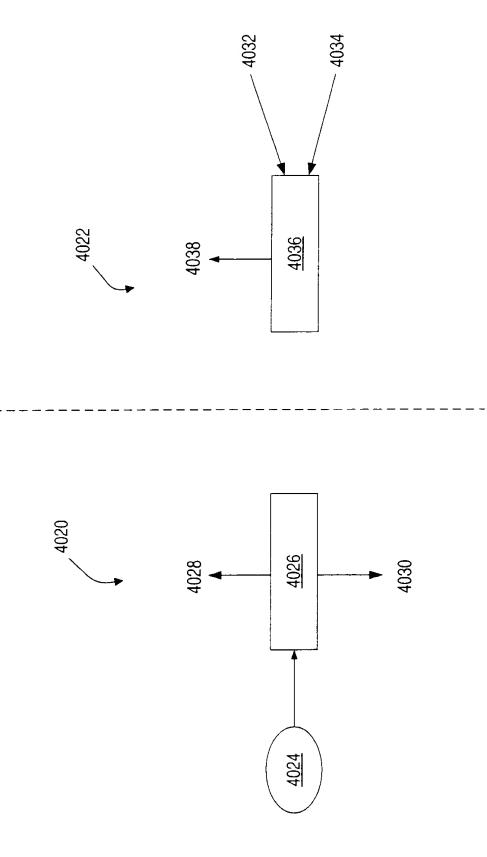


FIG. 161

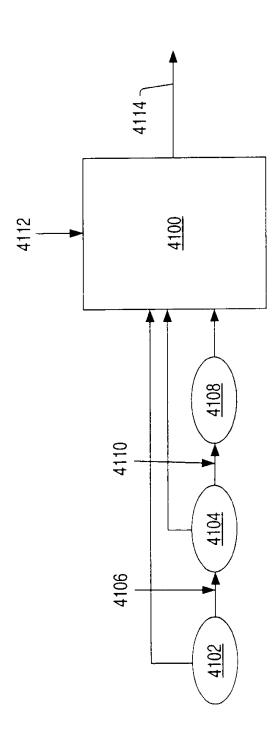


FIG. 162

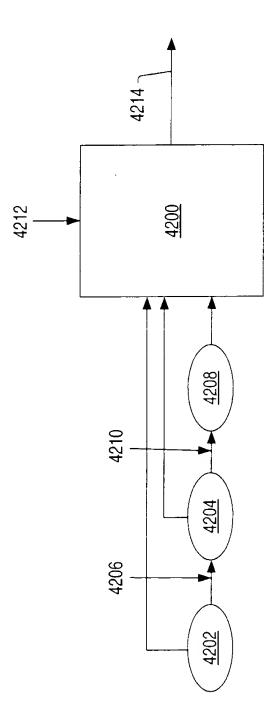


FIG. 163

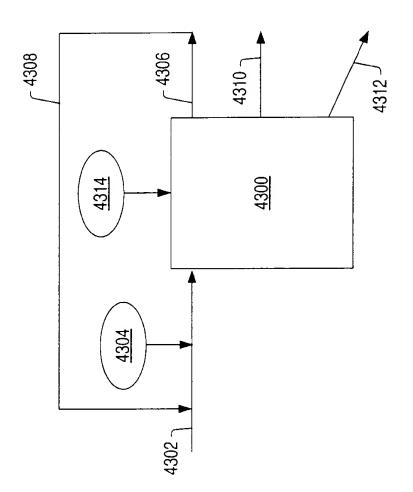


FIG. 164

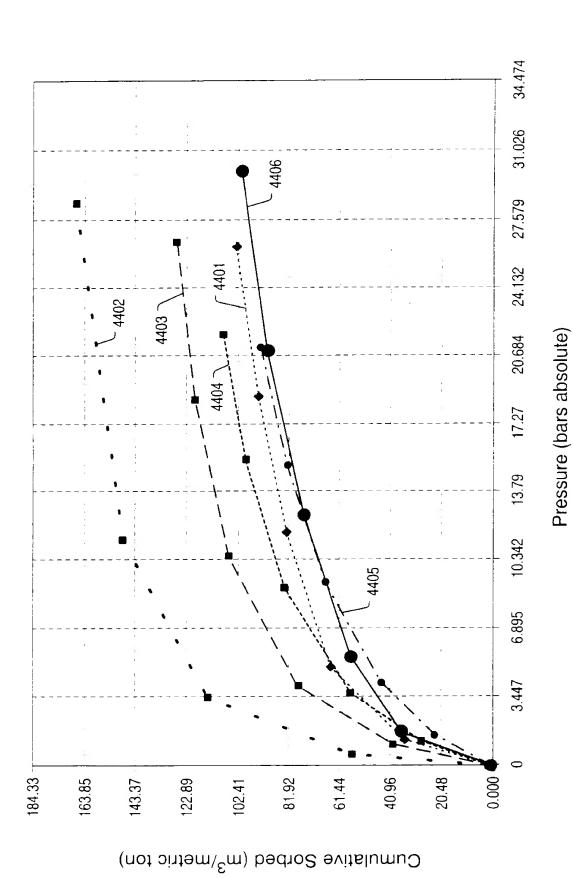


FIG. 165

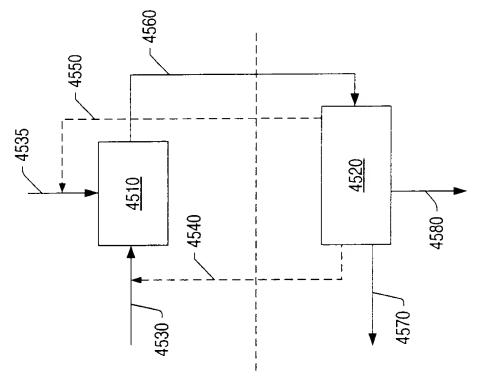


FIG. 166

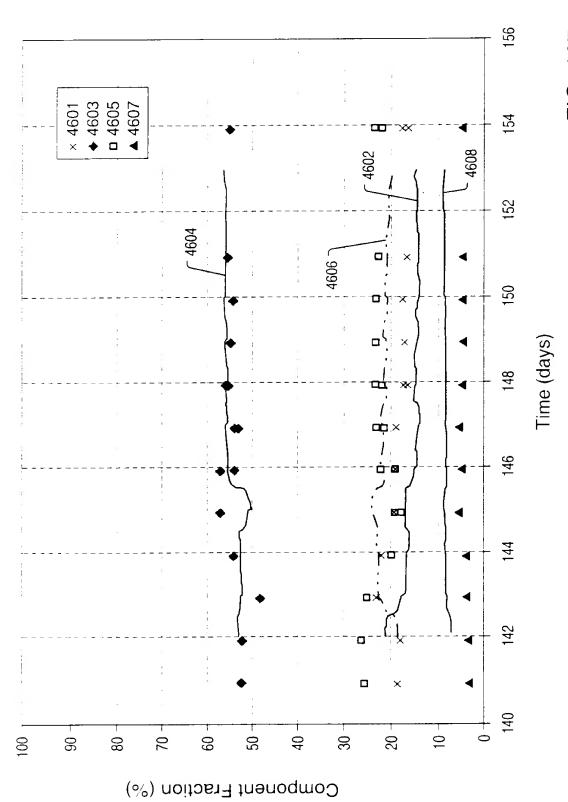


FIG. 167

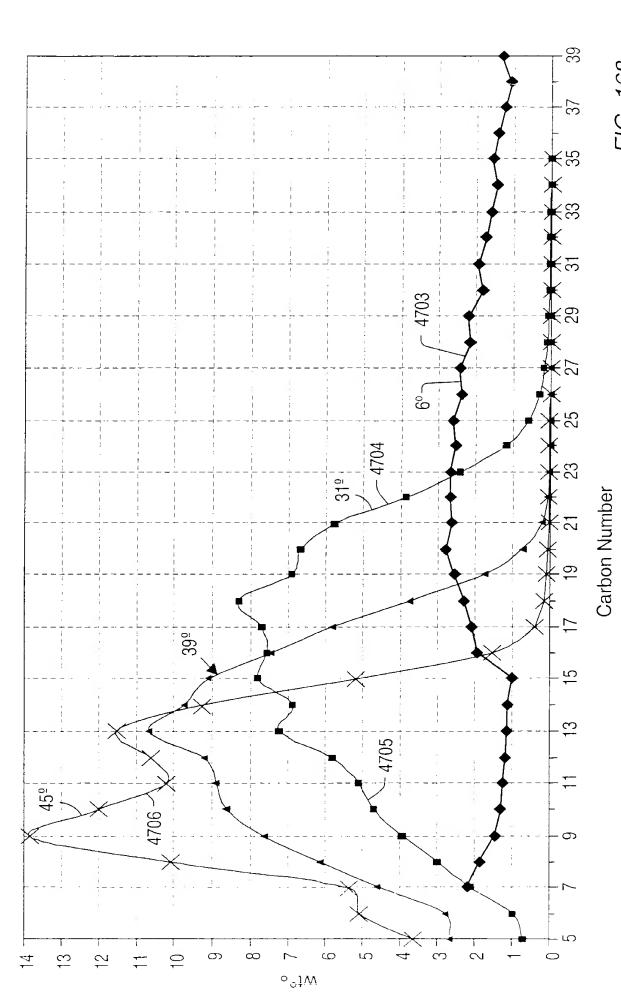
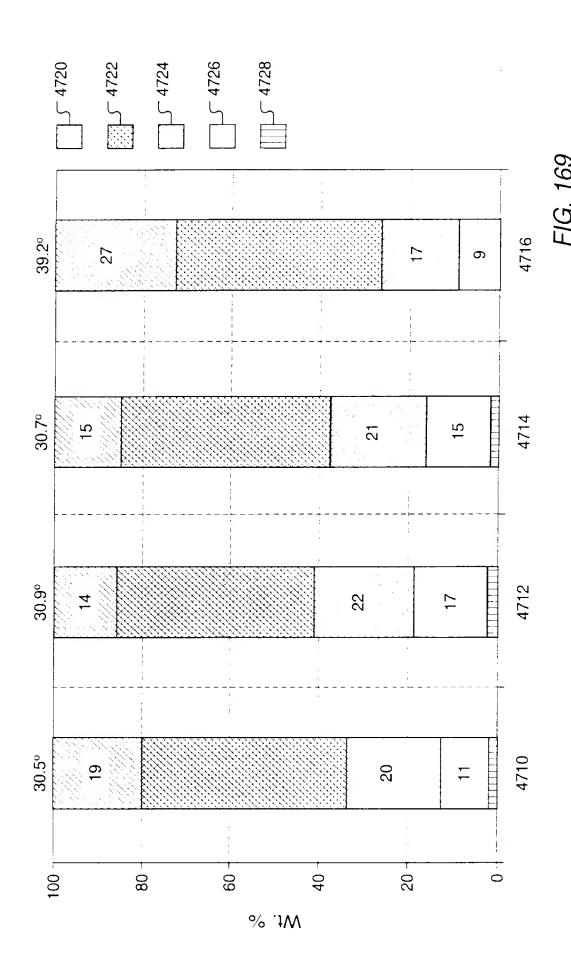
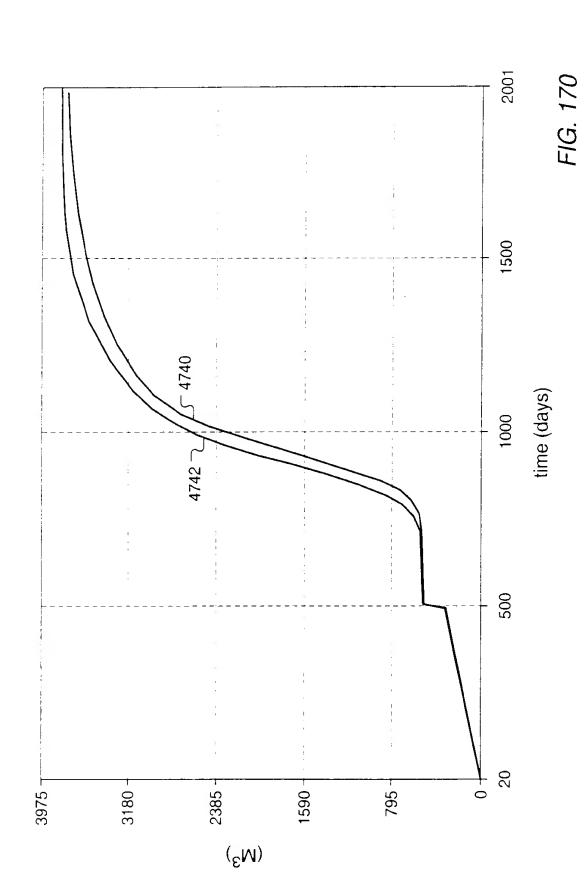


FIG. 168





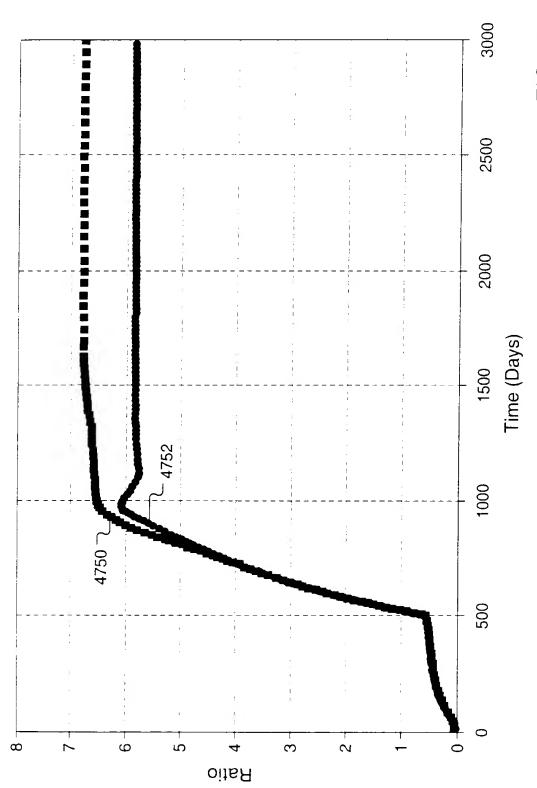


FIG. 171

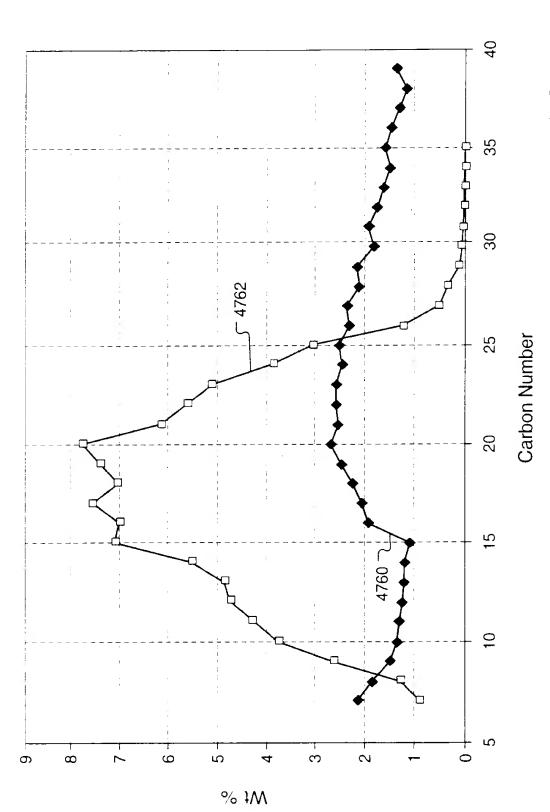
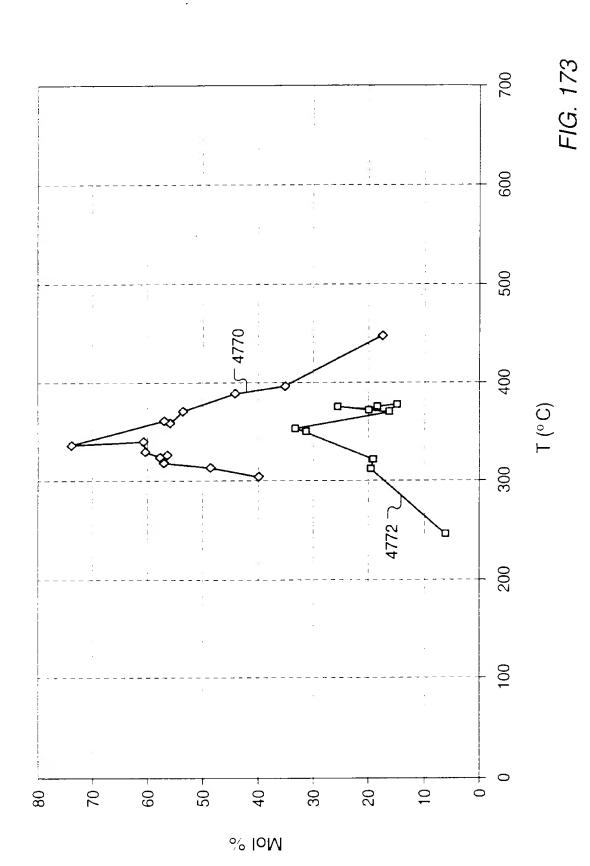


FIG. 172



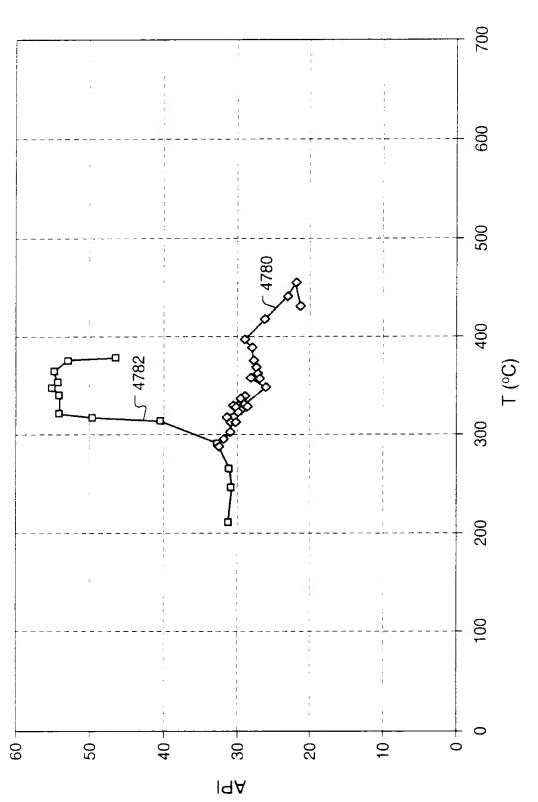
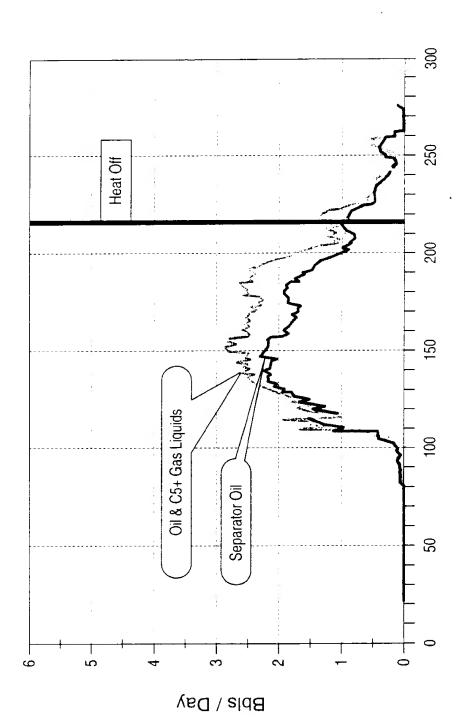
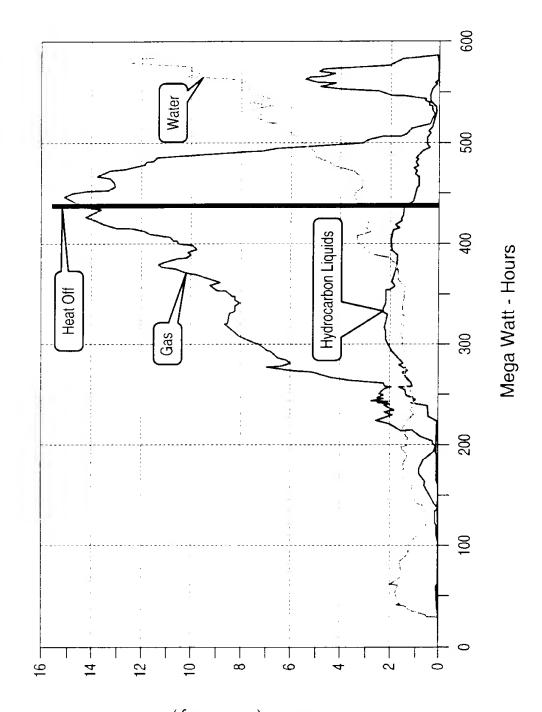


FIG 174



Days From Start of Heat Injection



Hydrocarbon Liquids (Bbls/Day), Gas (MCF/Day), and Water (Bbls/Day)

